

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085520.D
 Acq On : 18 Mar 2016 5:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 3/18/2016 3:43:48 PM

Quant Time: Mar 18 11:48:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	133548	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	529185	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	245425	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	421425	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	272973	20.00	ng	-0.05
86) Perylene-d12	15.48	264	268799	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	670202	86.26	ng	-0.05
7) Phenol-d6	6.50	99	850134	84.36	ng	-0.05
23) Nitrobenzene-d5	7.44	82	708598	79.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	184694	81.71	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1297338	91.71	ng	-0.03
78) Terphenyl-d14	12.98	244	914938	75.82	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	159082	41.03	ng	96
3) Pyridine	3.21	79	432254	46.97	ng	97
4) n-Nitrosodimethylamine	3.16	42	161279	37.95	ng	95
6) Aniline	6.54	93	570709	41.02	ng	98
8) 2-Chlorophenol	6.66	128	400260	43.94	ng	90
9) Benzaldehyde	6.42	77	205628	36.54	ng	94
10) Phenol	6.53	94	503744	44.59	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	367352	42.29	ng	92
12) 1,3-Dichlorobenzene	6.81	146	405800m	40.19	ng	
13) 1,4-Dichlorobenzene	6.89	146	418930	41.42	ng	98
14) 1,2-Dichlorobenzene	7.05	146	389557	43.89	ng	95
15) Benzyl Alcohol	7.02	79	282751	39.29	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	471251	39.84	ng	98
17) 2-Methylphenol	7.13	107	304008	39.86	ng	96
18) Hexachloroethane	7.40	117	151631	40.87	ng	# 86
19) n-Nitroso-di-n-propylamine	7.29	70	221091	36.63	ng	# 91
20) 3+4-Methylphenols	7.29	107	368393	45.06	ng	# 64
22) Acetophenone	7.29	105	513489	39.60	ng	# 99
24) Nitrobenzene	7.46	77	441624	43.79	ng	96
25) Isophorone	7.70	82	731400	40.07	ng	98
26) 2-Nitrophenol	7.78	139	199732	41.34	ng	98
27) 2,4-Dimethylphenol	7.82	122	347440	40.43	ng	94
28) bis(2-Chloroethoxy)methane	7.91	93	398515	36.52	ng	99
29) 2,4-Dichlorophenol	8.02	162	302871	43.45	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	320401	39.78	ng	99
31) Naphthalene	8.18	128	1007798	38.97	ng	99
32) Benzoic acid	7.94	122	270861	54.81	ng	99
33) 4-Chloroaniline	8.23	127	413026	37.13	ng	99
34) Hexachlorobutadiene	8.31	225	166240	39.48	ng	99
35) Caprolactam	8.62	113	104784	46.03	ng	# 80
36) 4-Chloro-3-methylphenol	8.72	107	337951	42.46	ng	87
37) 2-Methylnaphthalene	8.88	142	668009	40.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	280804	36.79	ng	99
40) Hexachlorocyclopentadiene	9.03	237	63249	17.14	ng	99

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Quant Time: Mar 18 11:48:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	204654	40.60	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	198991	39.08	ng #	87
45) 1,1'-Biphenyl	9.34	154	789592	39.42	ng	98
46) 2-Chloronaphthalene	9.37	162	615068	40.98	ng	97
47) 2-Nitroaniline	9.46	65	206478	45.43	ng #	73
48) Acenaphthylene	9.78	152	1040173	42.84	ng	98
49) Dimethylphthalate	9.65	163	787204	43.96	ng	99
50) 2,6-Dinitrotoluene	9.70	165	154139	38.96	ng	93
51) Acenaphthene	9.96	154	627622	41.11	ng	99
52) 3-Nitroaniline	9.88	138	206008	43.55	ng	96
53) 2,4-Dinitrophenol	9.98	184	35247	21.74	ng #	48
54) Dibenzofuran	10.13	168	809943	43.19	ng	95
55) 4-Nitrophenol	10.04	139	134065	41.18	ng	94
56) 2,4-Dinitrotoluene	10.10	165	188531	38.00	ng	90
57) Fluorene	10.47	166	660193	44.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	140956	40.32	ng	97
59) Diethylphthalate	10.34	149	757944	43.73	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	314193	40.89	ng	96
61) 4-Nitroaniline	10.48	138	166261	37.38	ng	98
62) Azobenzene	10.62	77	715475	41.56	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	61181	24.30	ng	85
65) n-Nitrosodiphenylamine	10.57	169	542733	41.79	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	193334	45.33	ng	93
67) Hexachlorobenzene	11.02	284	198180	45.03	ng #	91
68) Atrazine	11.11	200	160823	43.28	ng	90
69) Pentachlorophenol	11.21	266	93413	40.04	ng	97
70) Phenanthrene	11.43	178	957032	43.60	ng	98
71) Anthracene	11.48	178	875001	39.14	ng	99
72) Carbazole	11.64	167	835597	44.17	ng	98
73) Di-n-butylphthalate	11.97	149	1125467	48.02	ng #	98
74) Fluoranthene	12.61	202	800443	38.79	ng	96
76) Benzidine	12.73	184	339348	40.02	ng	99
77) Pyrene	12.84	202	792789	38.72	ng	99
79) Butylbenzylphthalate	13.45	149	383275	42.81	ng	98
80) Benzo(a)anthracene	14.03	228	598618	38.25	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	235503	44.46	ng #	98
82) Chrysene	14.06	228	590019	41.91	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	509858	46.69	ng #	99
84) Di-n-octyl phthalate	14.63	149	848452	53.22	ng	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	638931	47.88	ng	98
87) Benzo(b)fluoranthene	15.05	252	710391	40.47	ng	100
88) Benzo(k)fluoranthene	15.09	252	501401m	36.47	ng	
89) Benzo(a)pyrene	15.41	252	604194	39.84	ng #	95
90) Dibenzo(a,h)anthracene	16.91	278	550266	37.14	ng	97
91) Benzo(g,h,i)perylene	17.32	276	509633	33.68	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

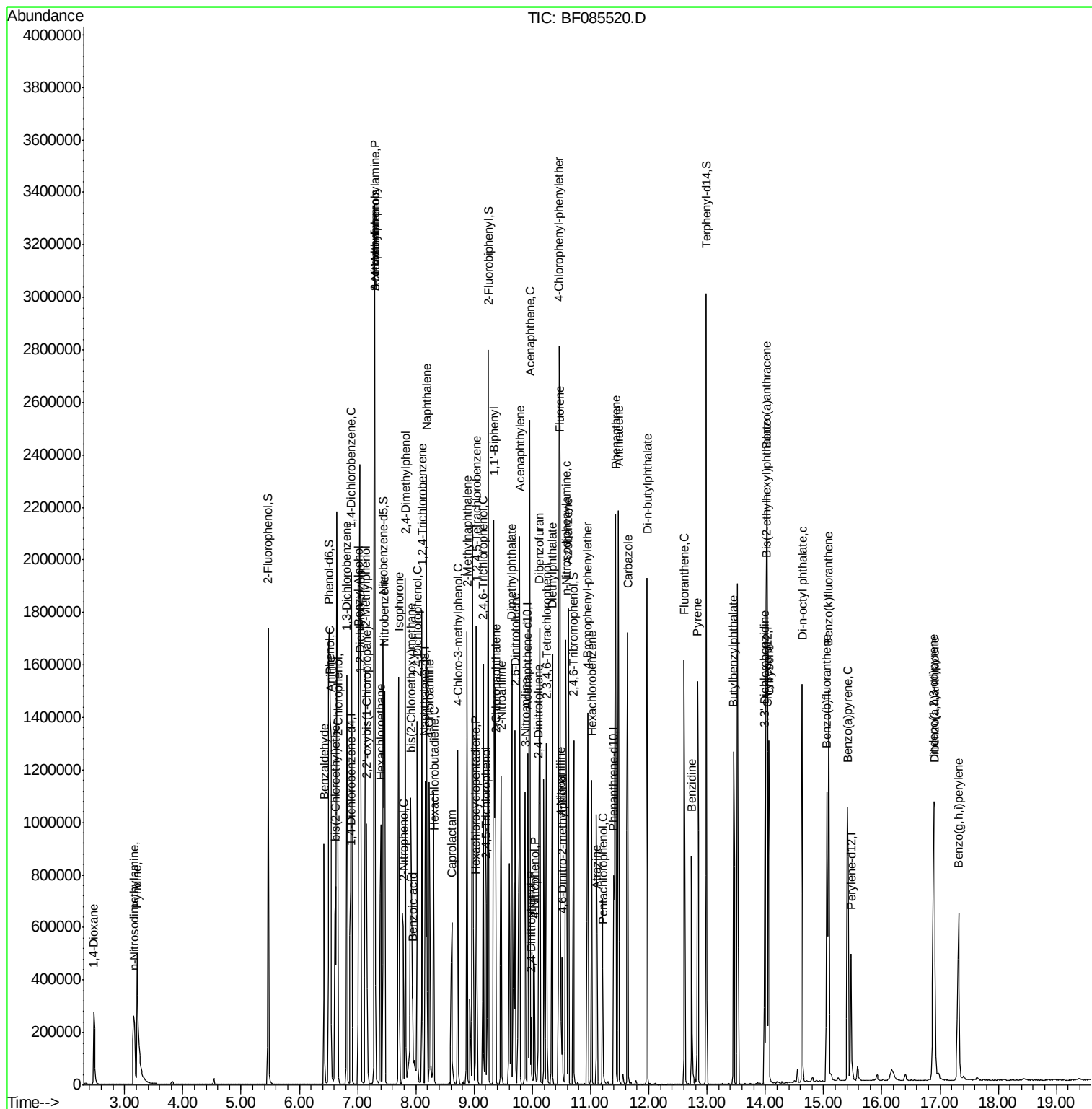
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\  
Data File : BF085520.D  
Acq On    : 18 Mar 2016    5:45  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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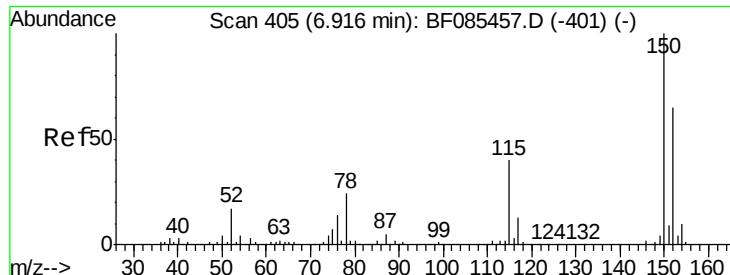
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

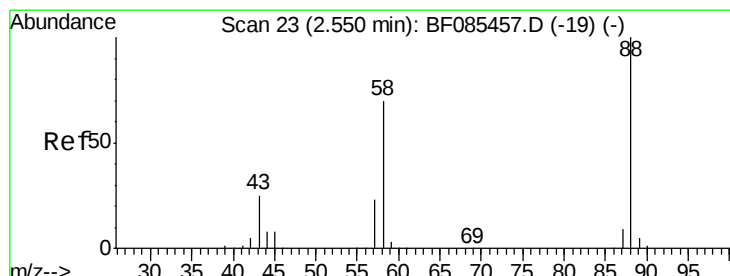
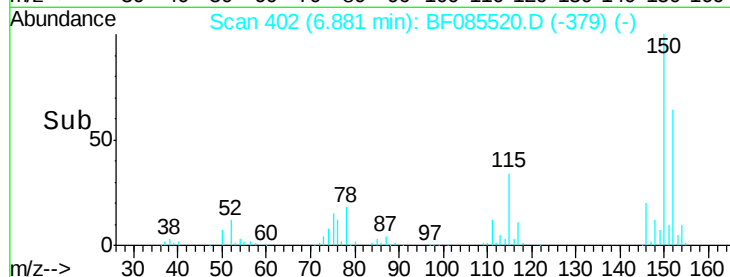
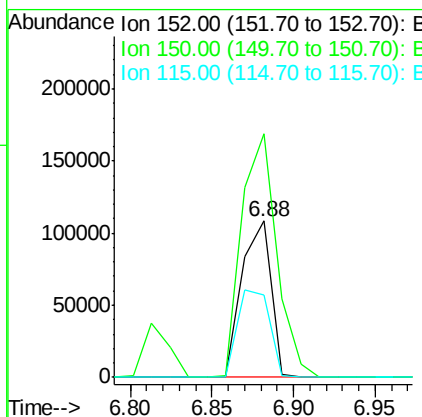
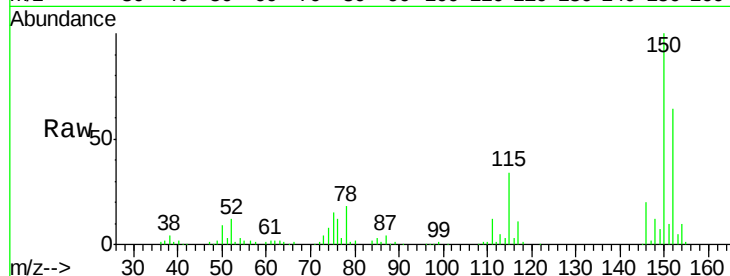
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		133548		
150	155.9	124.6	186.8		
115	52.8	46.6	70.0		

Manual Integrations
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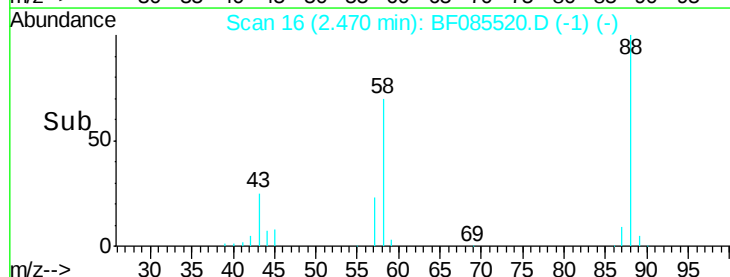
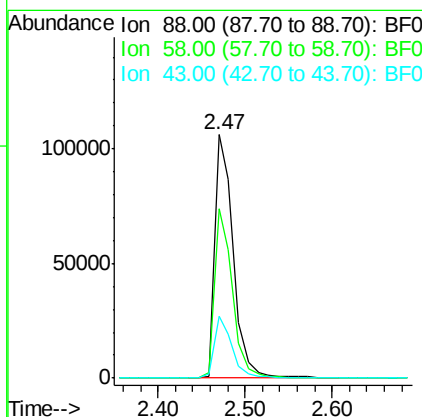
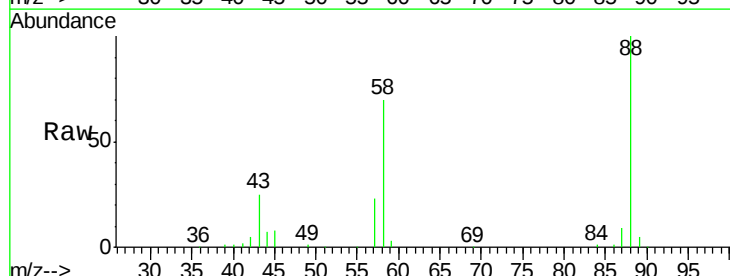
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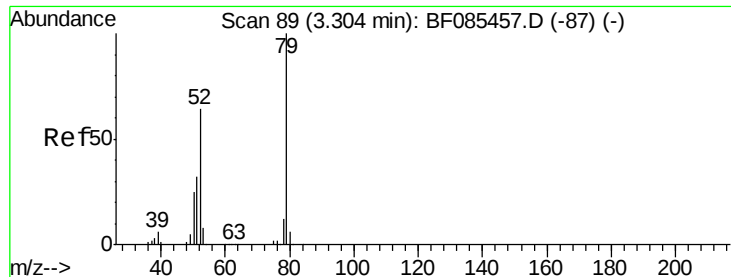


#2

1,4-Dioxane
Concen: 41.03 ng
RT: 2.47 min Scan# 16
Delta R.T. -0.08 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt	Ion	Ratio	Resp	Lower	Upper
88	100		159082		
58	67.1	57.0	85.6		
43	24.8	20.5	30.7		





#3

Pyridine

Concen: 46.97 ng

RT: 3.21 min Scan# 81

Delta R.T. -0.09 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

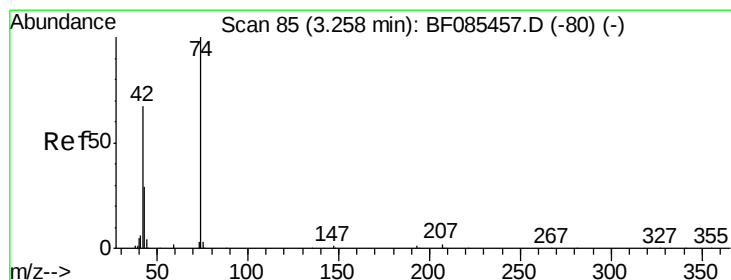
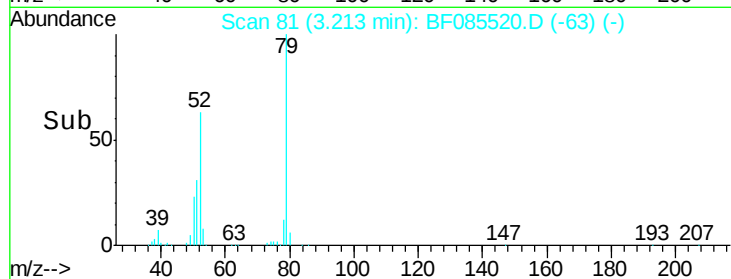
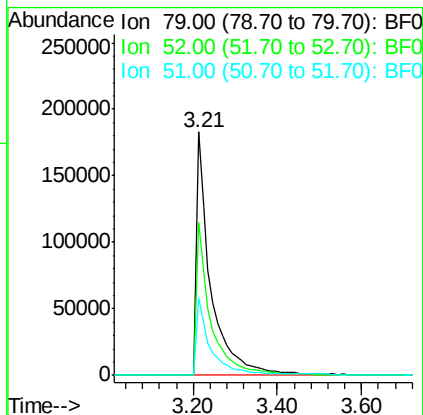
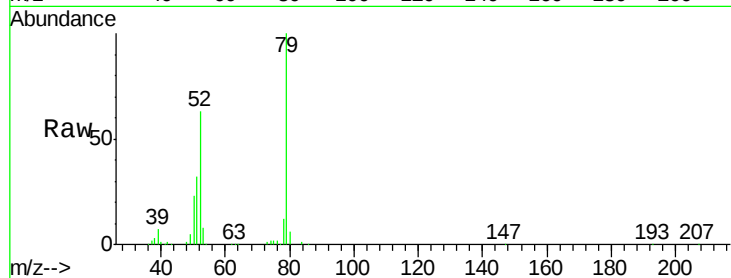
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	432254
Ion Ratio	Lower	Upper	
79	100		
52	62.9	52.6	79.0
51	31.5	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 37.95 ng

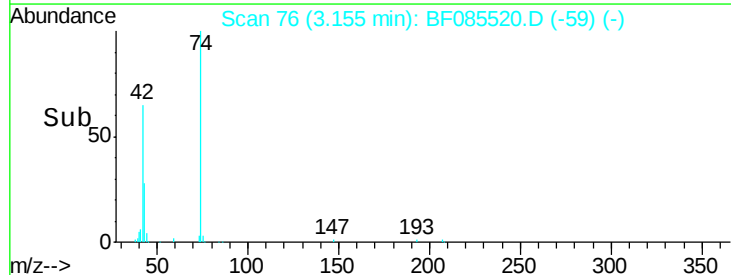
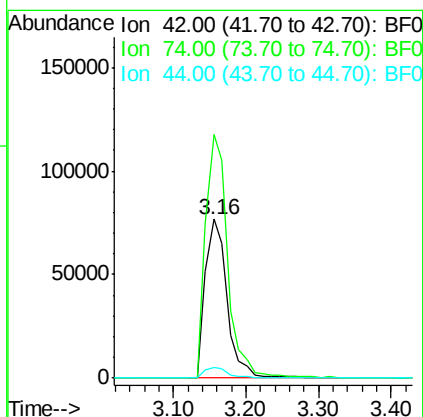
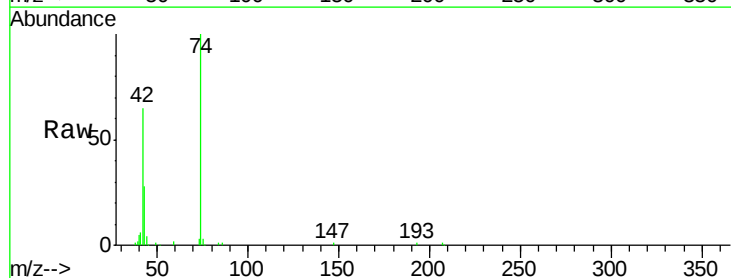
RT: 3.16 min Scan# 76

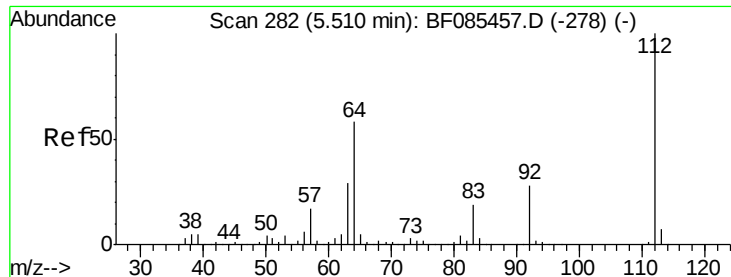
Delta R.T. -0.10 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	42	Resp:	161279
Ion Ratio	Lower	Upper	
42	100		
74	153.1	116.8	175.2
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 86.26 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

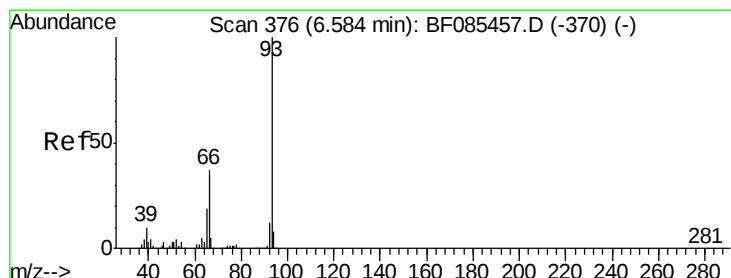
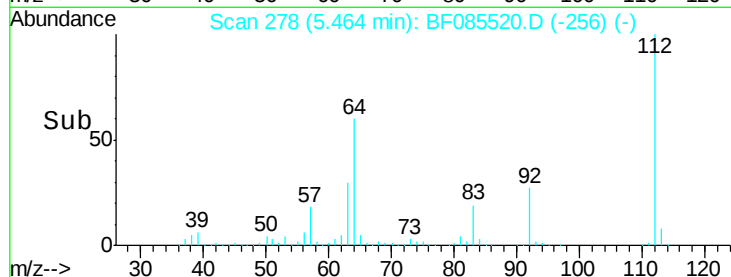
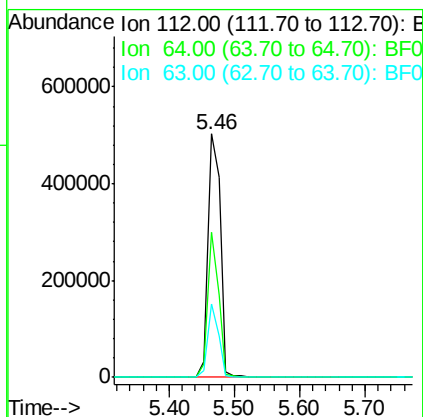
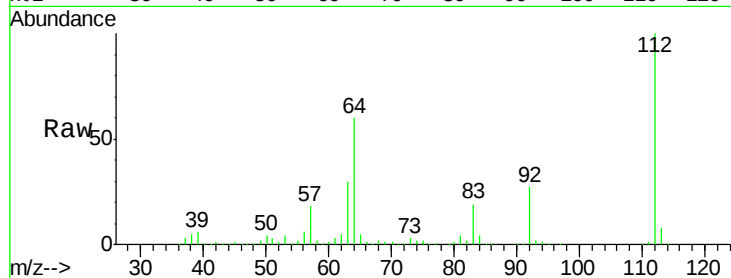
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	670202
Ion Ratio	Lower	Upper	
112	100		
64	59.8	49.0	73.4
63	30.1	24.8	37.2

Manual Integrations
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#6

Aniline

Concen: 41.02 ng

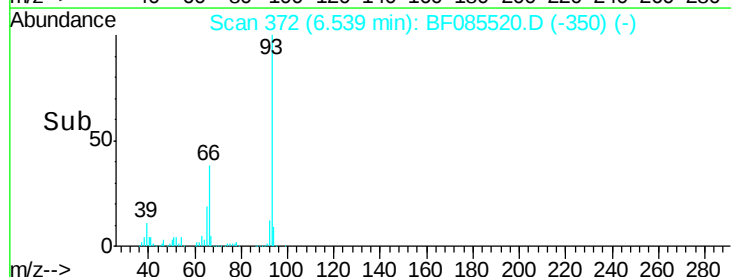
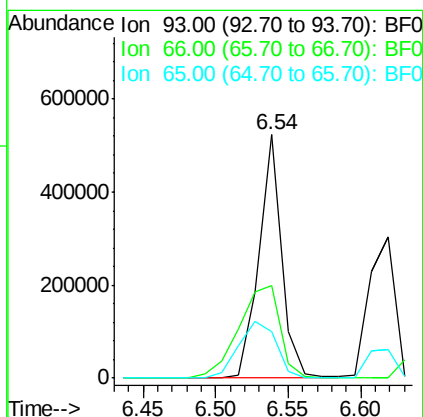
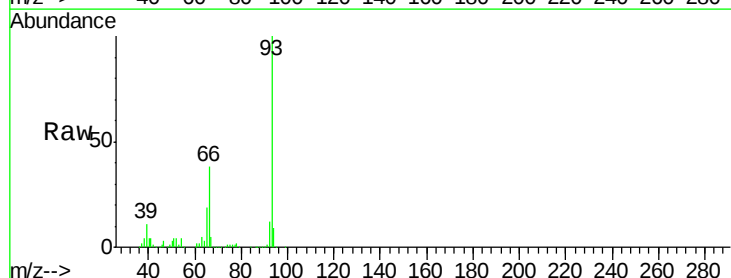
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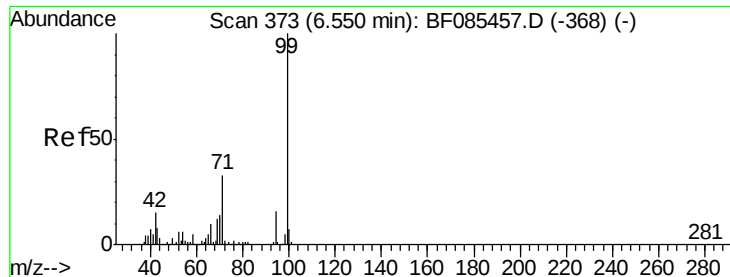
Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	93	Resp:	570709
Ion Ratio	Lower	Upper	
93	100		
66	37.9	31.6	47.4
65	19.0	15.8	23.8





#7

Phenol-d6

Concen: 84.36 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

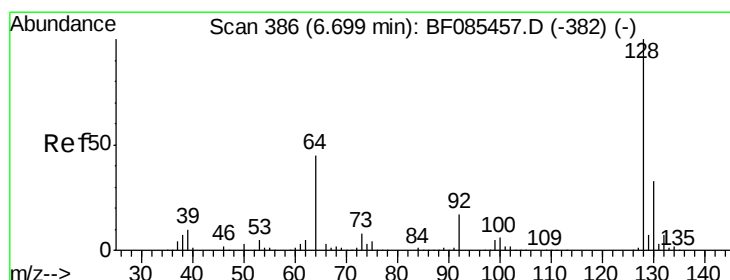
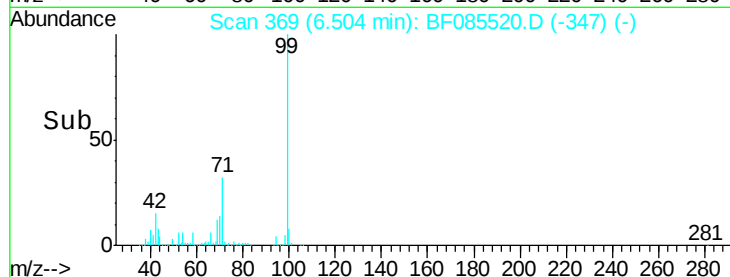
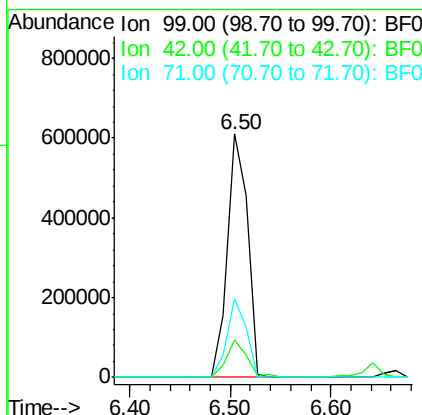
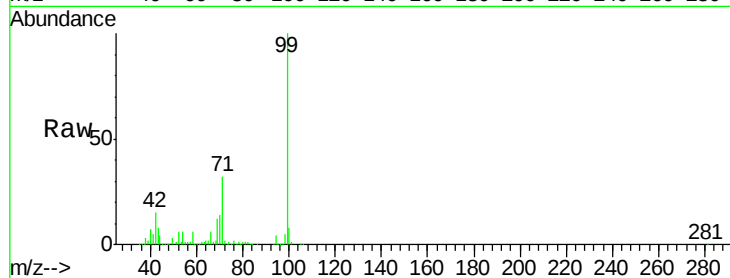
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	850134
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.6	20.4
71	32.2	26.7	40.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.94 ng

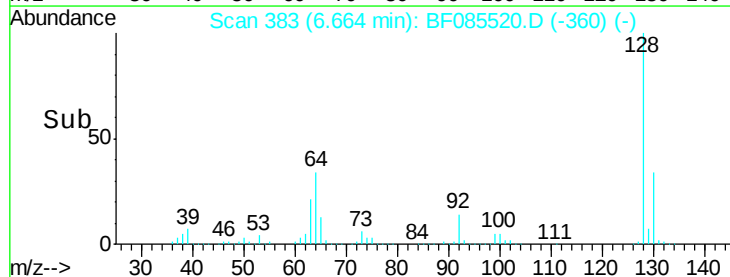
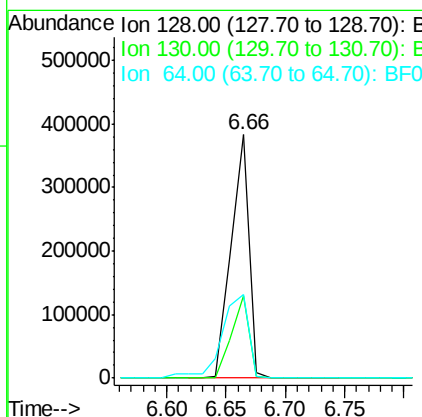
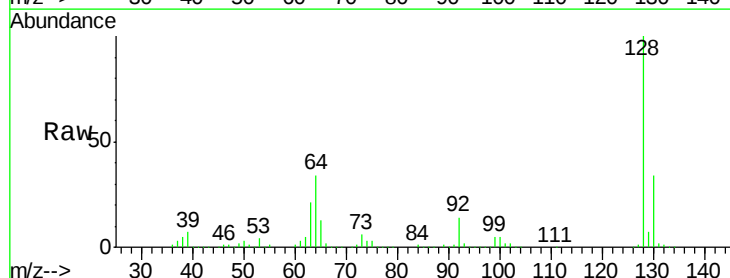
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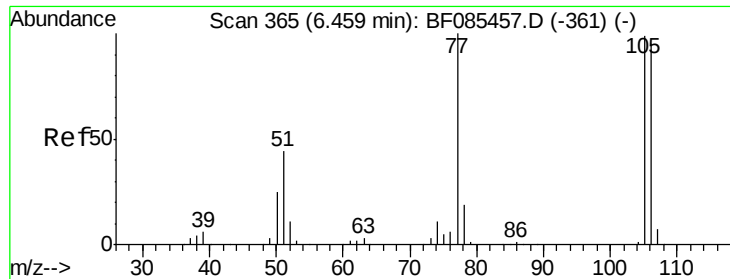
Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	128	Resp:	400260
Ion Ratio	Lower	Upper	
128	100		
130	33.8	13.3	53.3
64	34.3	25.7	65.7





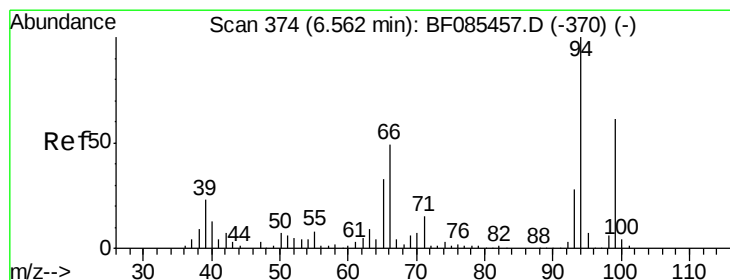
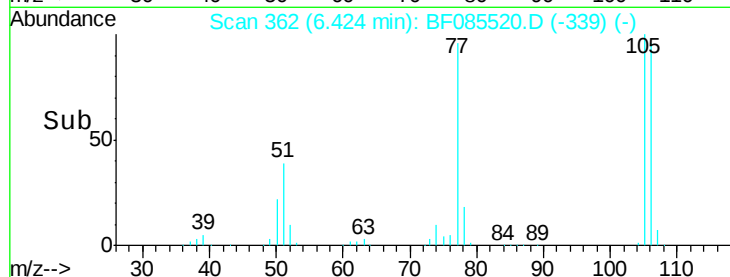
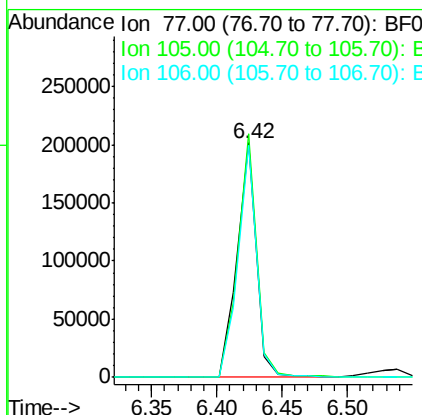
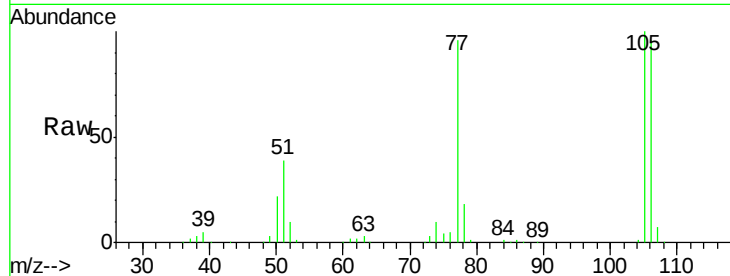
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Benzaldehyde
Concen: 36.54 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.03 min
Lab File: BF085520.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.0	78.2	118.2
106	99.4	72.9	112.9

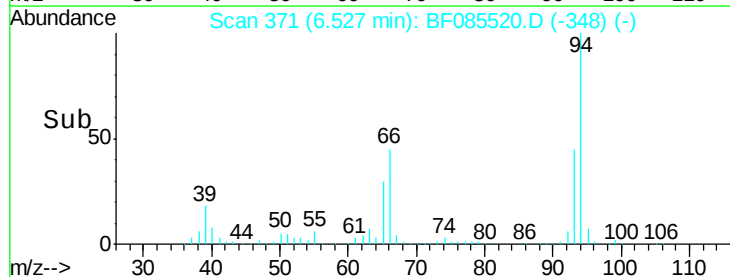
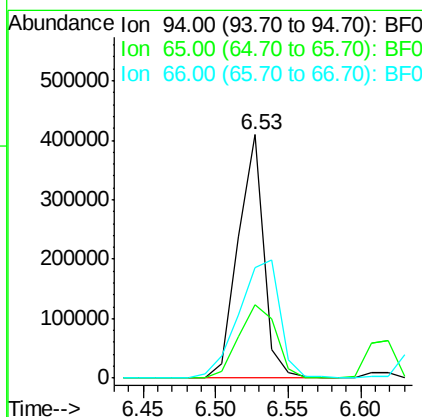
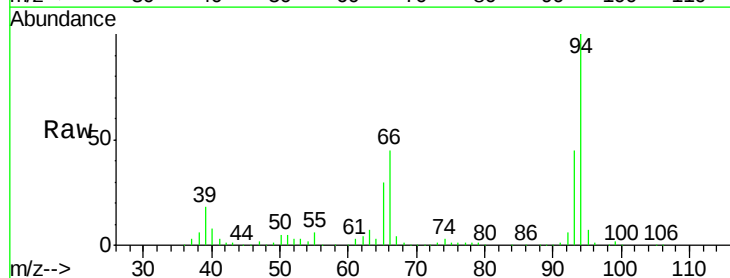
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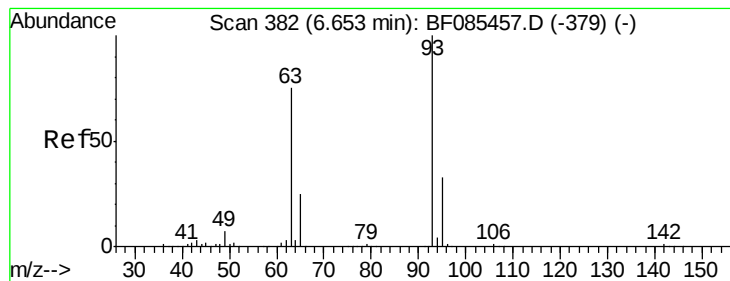
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#10
Phenol
Concen: 44.59 ng
RT: 6.53 min Scan# 371
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.1	49.1
66	45.5	19.3	59.3





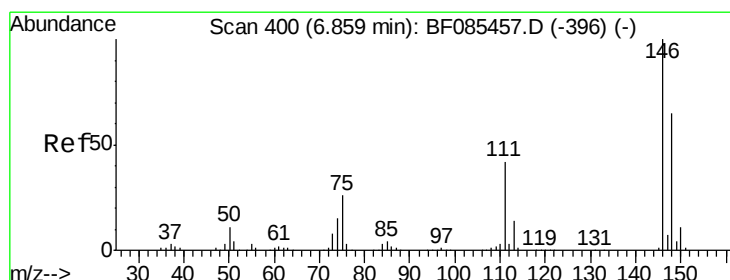
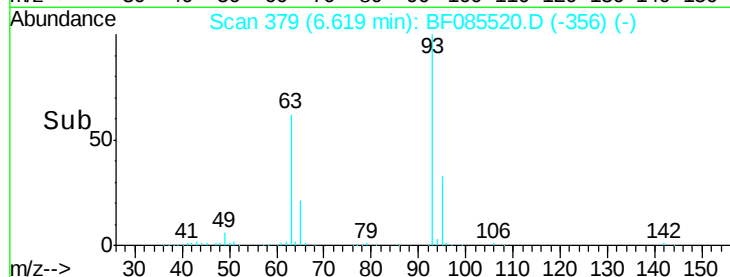
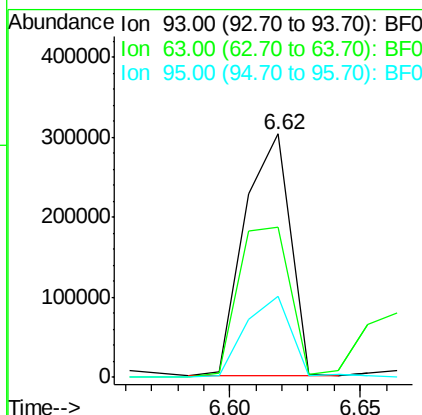
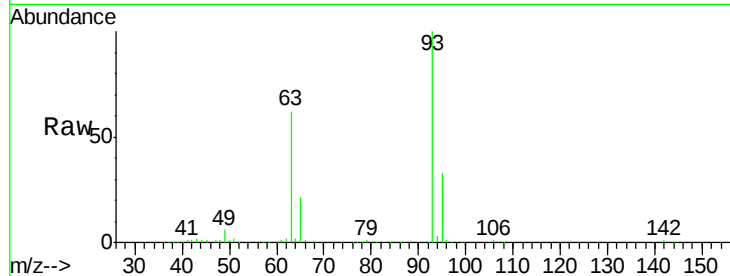
#11
bis(2-Chloroethyl)ether
Concen: 42.29 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	61.9	50.9	90.9
95	33.0	13.7	53.7

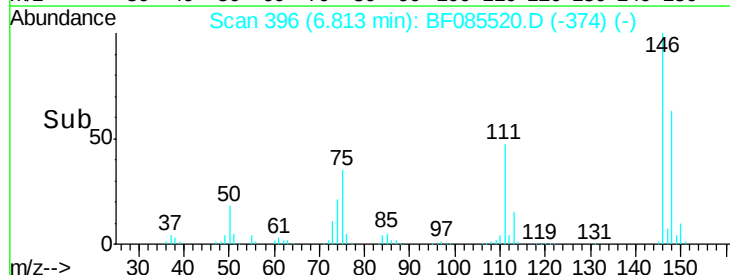
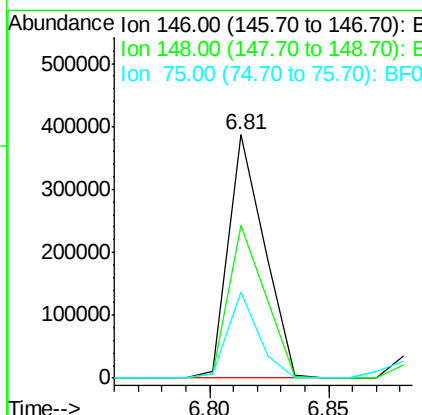
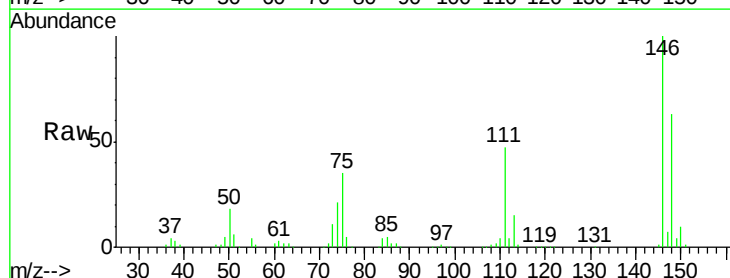
Manual Integrations
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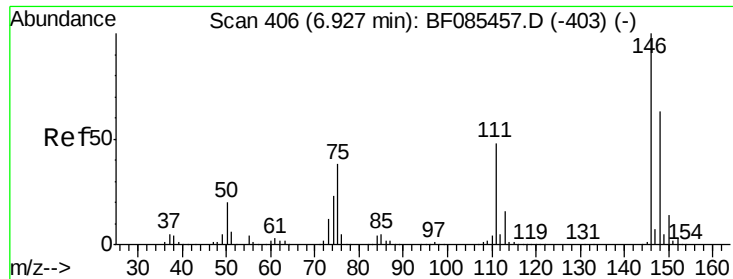
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#12
1,3-Dichlorobenzene
Concen: 40.19 ng m
RT: 6.81 min Scan# 396
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.5	52.1	78.1
75	35.4	19.5	29.3





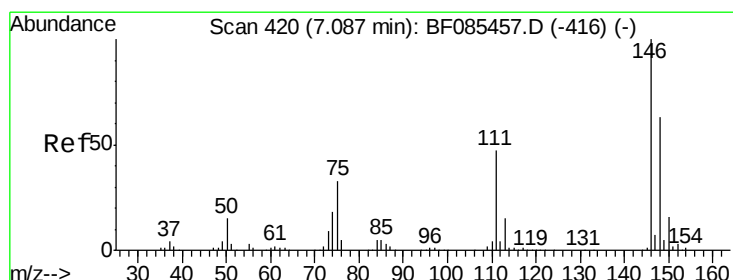
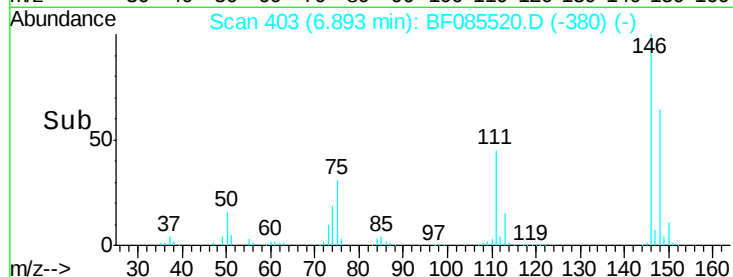
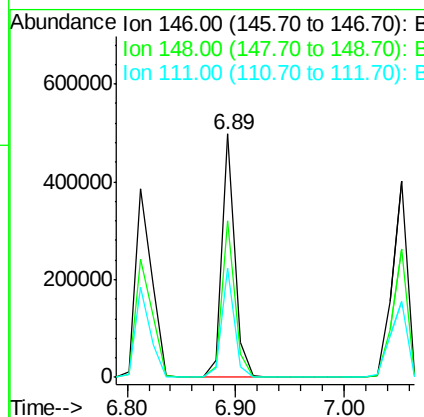
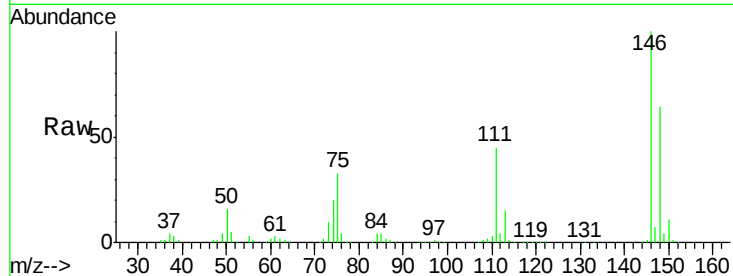
#13
 1,4-Dichlorobenzene
 Concen: 41.42 ng
 RT: 6.89 min Scan# 403
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	45.0	38.4	57.6

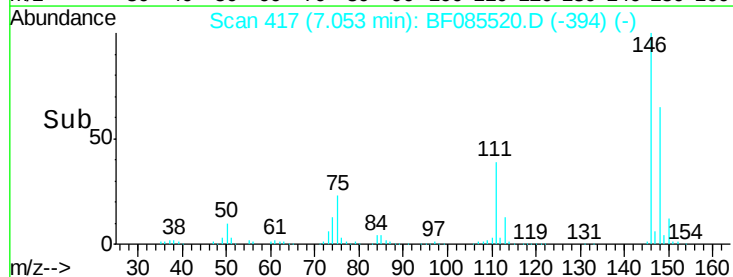
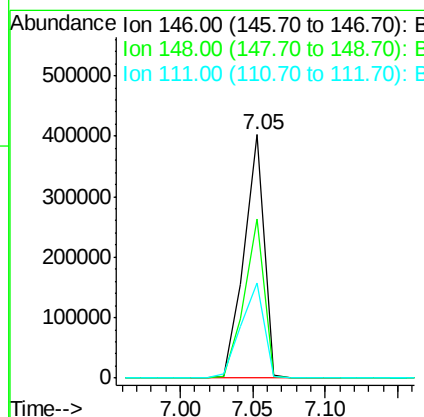
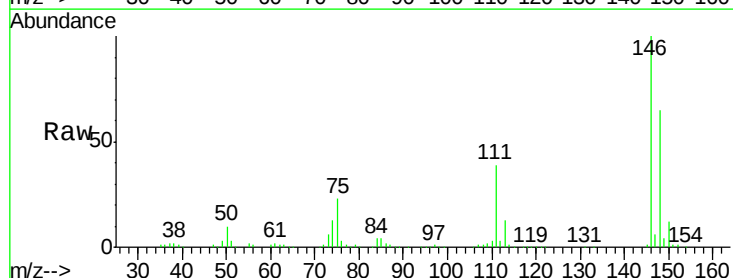
Manual Integrations
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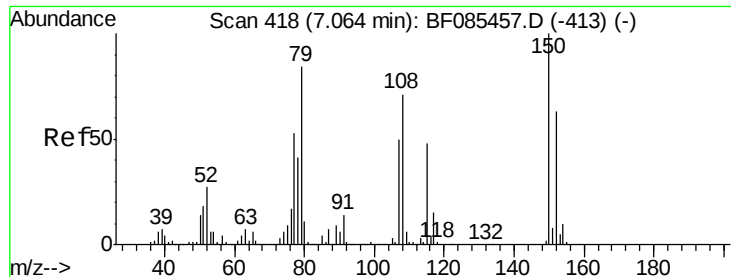
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#14
 1,2-Dichlorobenzene
 Concen: 43.89 ng
 RT: 7.05 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	38.8	36.7	55.1





#15

Benzyl Alcohol

Concen: 39.29 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

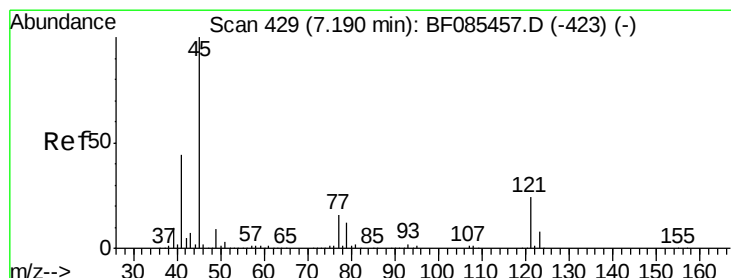
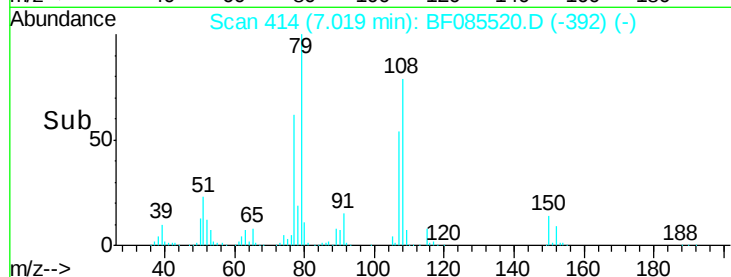
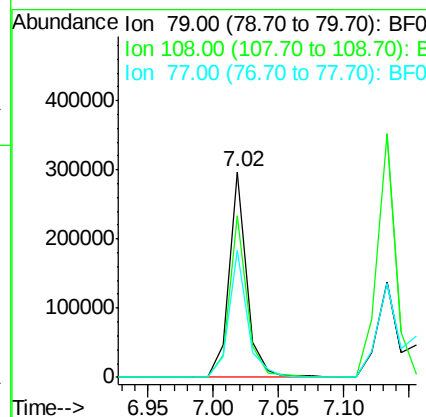
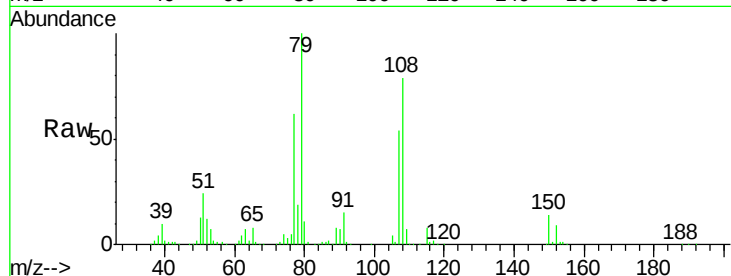
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	282751
Ion Ratio	Lower	Upper	
79	100		
108	79.0	62.9	94.3
77	61.7	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.84 ng

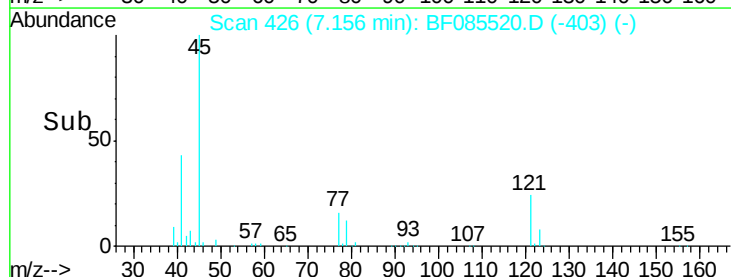
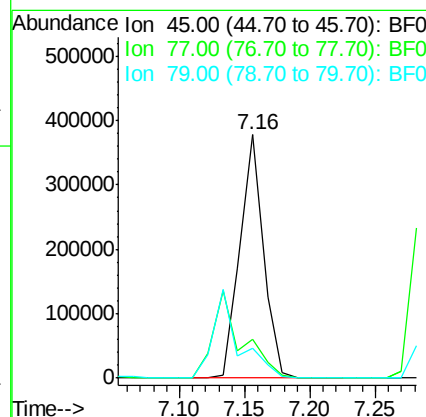
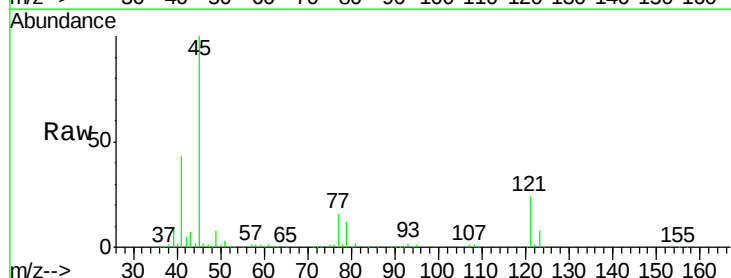
RT: 7.16 min Scan# 426

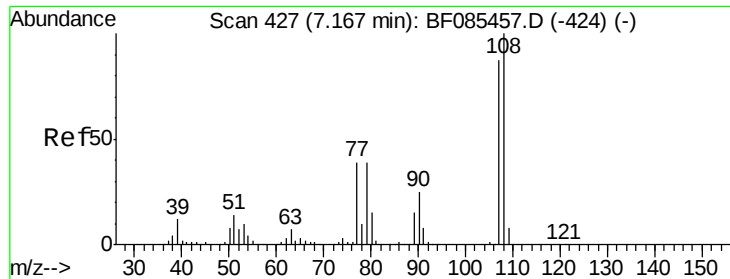
Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	45	Resp:	471251
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	35.1
79	12.3	0.0	31.3





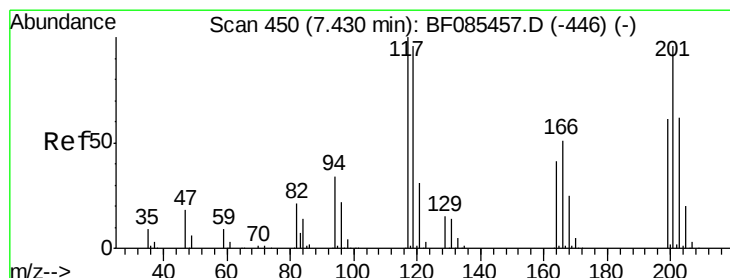
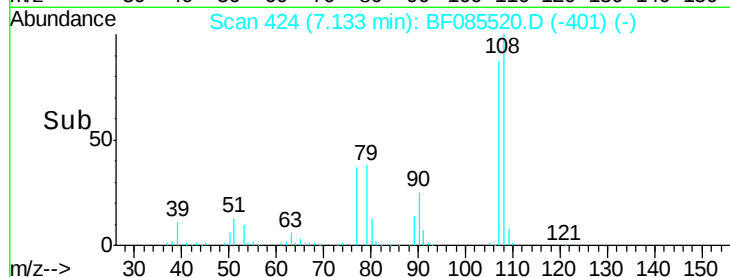
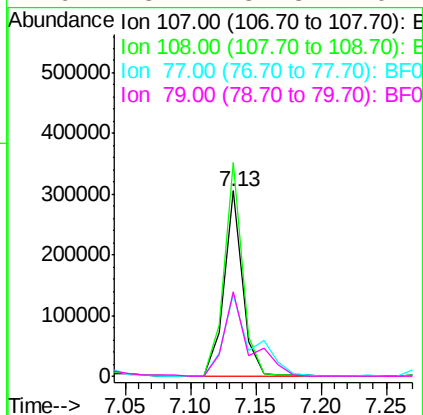
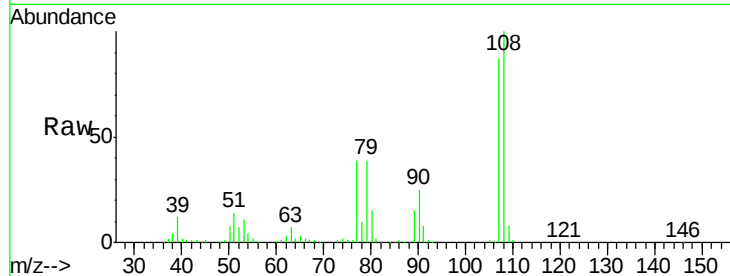
#17
2-Methylphenol
Concen: 39.86 ng
RT: 7.13 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	304008
Ion Ratio	Lower	Upper	
107	100		
108	115.3	90.9	136.3
77	44.5	32.6	48.8
79	45.4	32.8	49.2

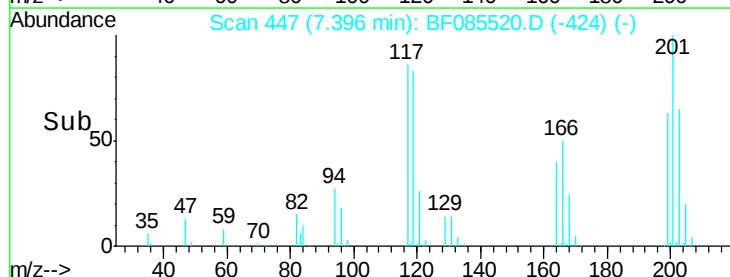
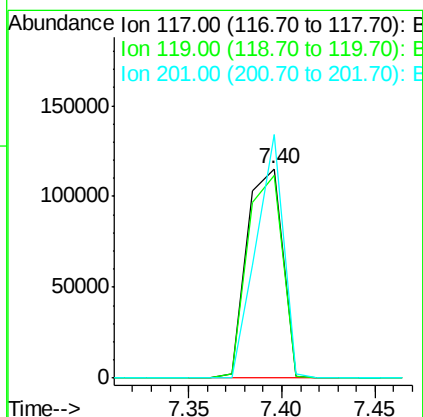
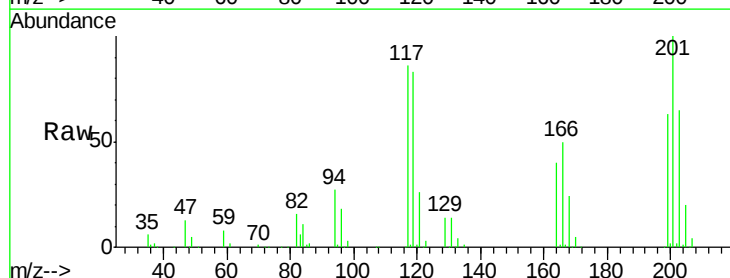
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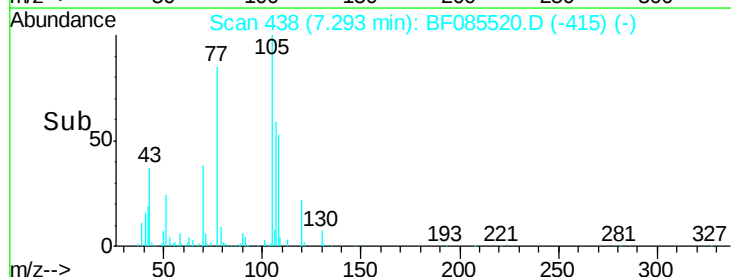
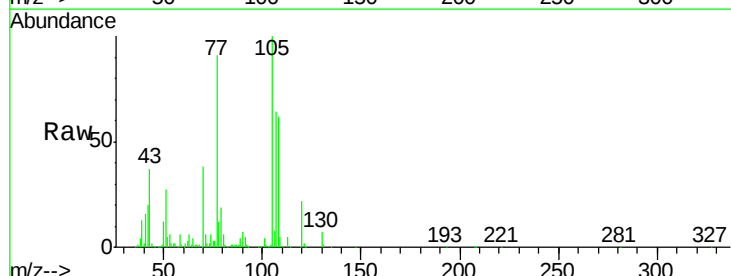
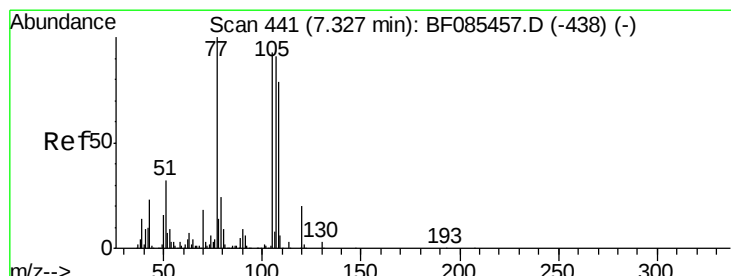
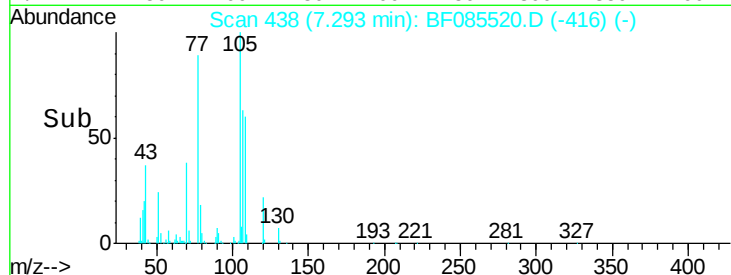
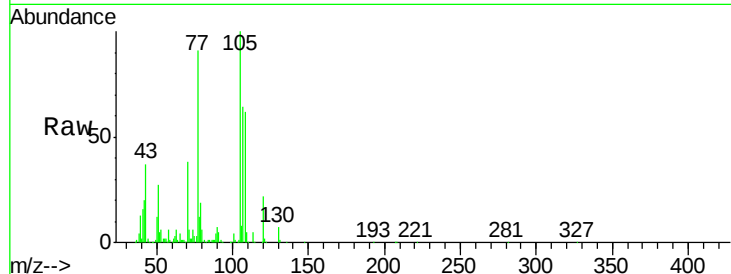
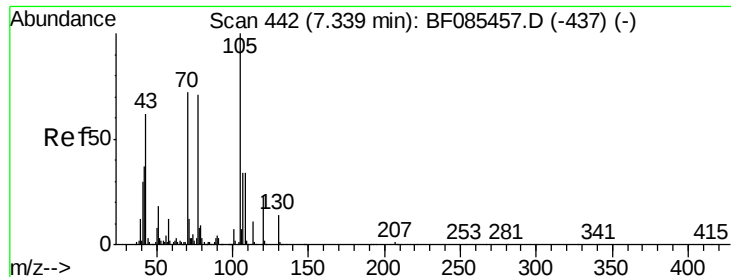
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#18
Hexachloroethane
Concen: 40.87 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion:	117	Resp:	151631
Ion Ratio	Lower	Upper	
117	100		
119	97.2	78.2	117.4
201	116.4	72.0	108.0#





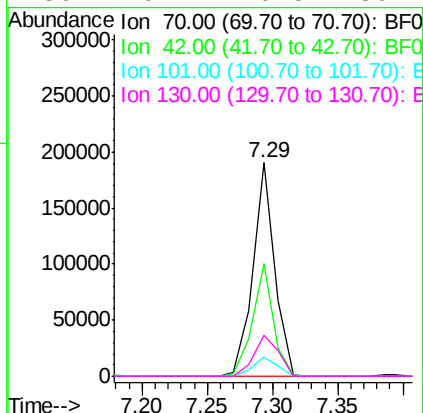
#19
n-Nitroso-di-n-propylamine
Concen: 36.63 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.9	37.7	56.5
101	9.2	8.2	12.4
130	19.4	20.5	30.7#

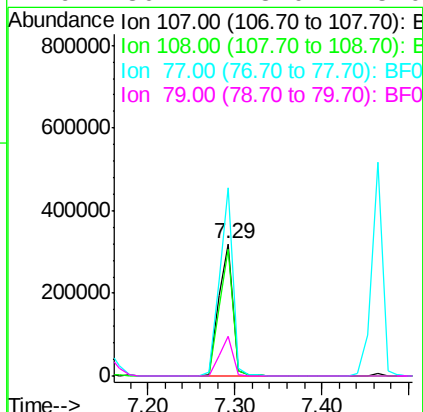
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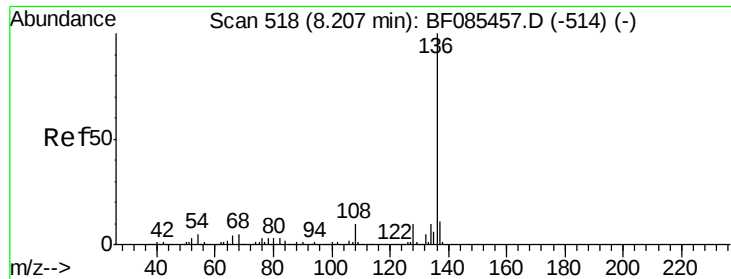
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#20
3+4-Methylphenols
Concen: 45.06 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.8	68.8	108.8
77	142.2	53.6	93.6#
79	30.1	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

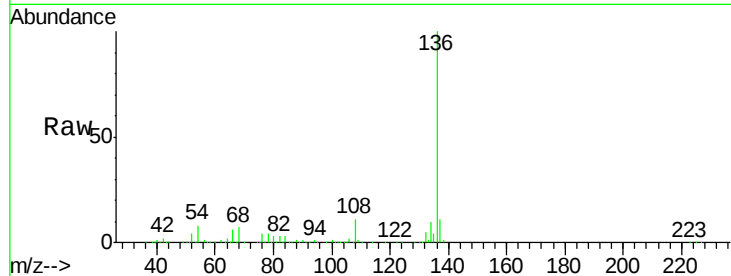
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		529185		
137	11.3		9.3	13.9	
54	8.1		7.4	11.2	
68	6.6		6.0	9.0	

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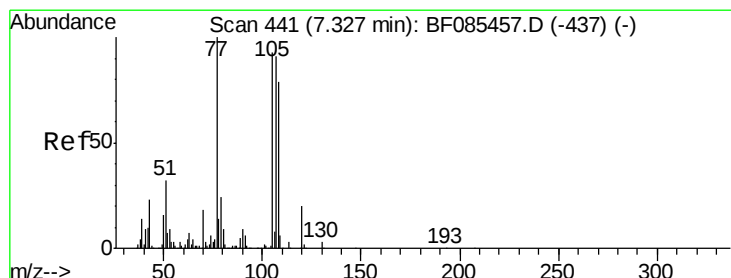
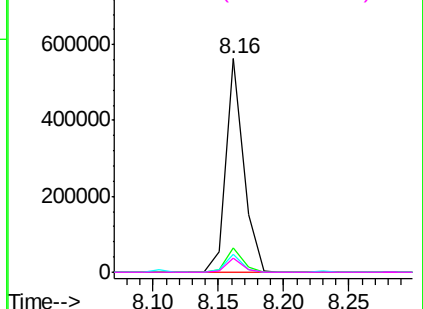
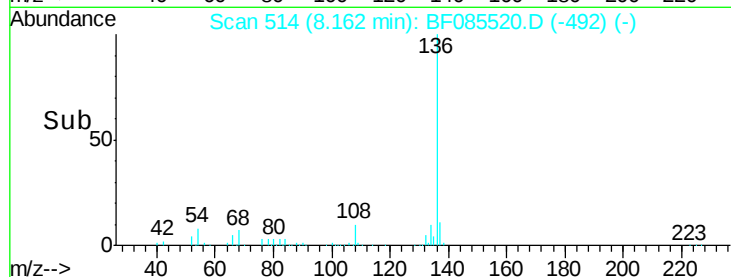


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.60 ng

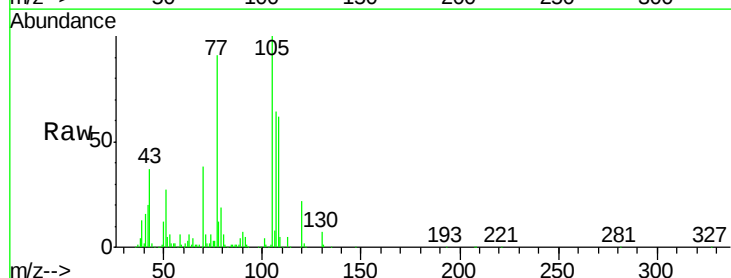
RT: 7.29 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		513489		
71	6.3		4.1	6.1#	
51	26.7		21.1	31.7	
120	22.0		17.3	25.9	

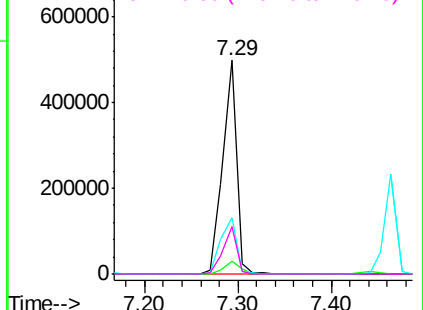
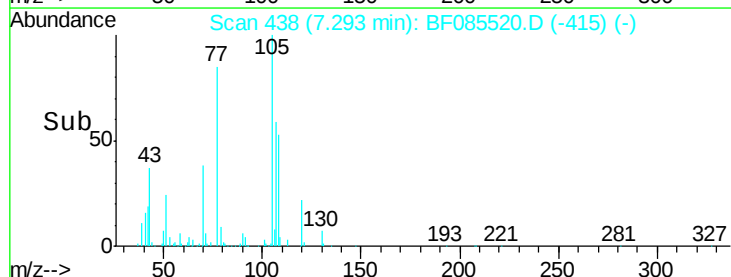


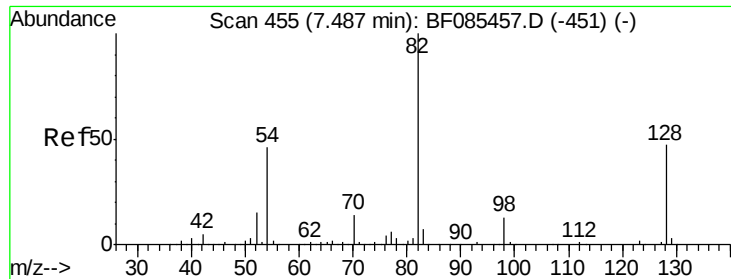
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





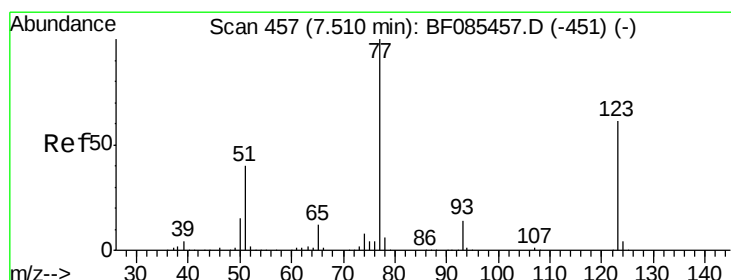
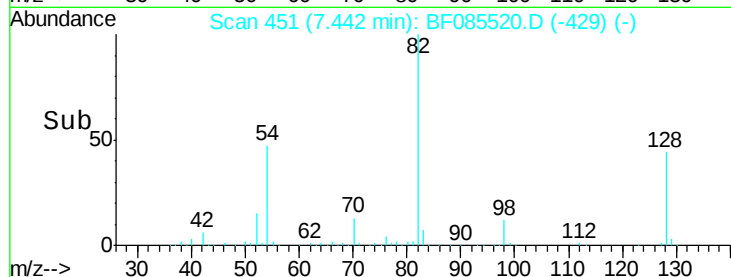
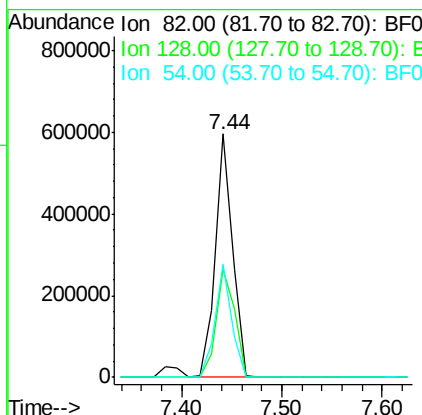
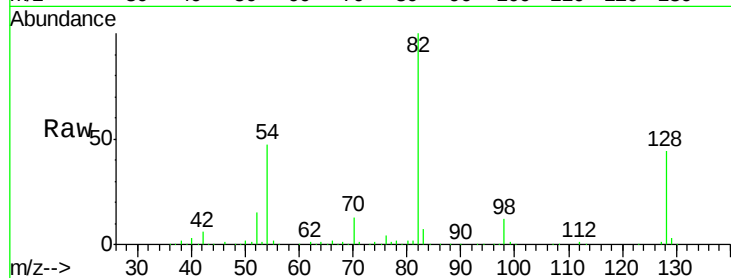
#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.4	34.5	51.7
54	46.5	39.3	58.9

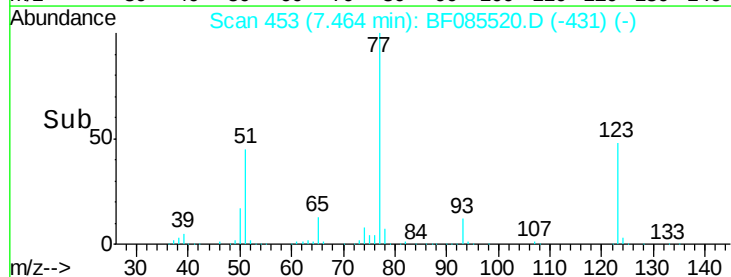
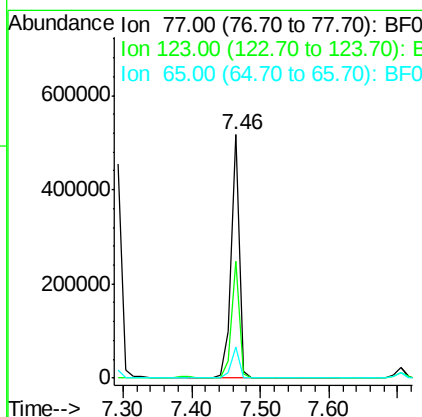
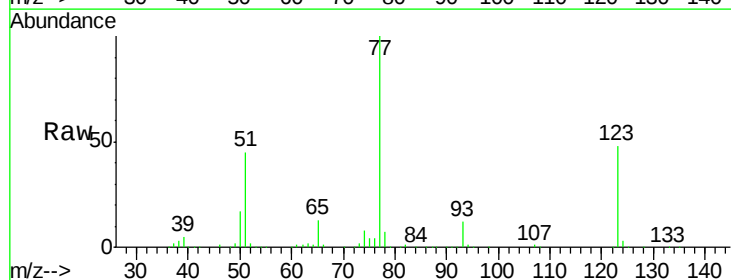
Manual Integrations
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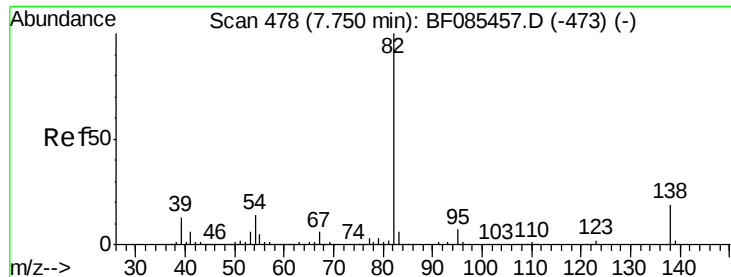
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#24
 Nitrobenzene
 Concen: 43.79 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.8	35.4	53.2
65	12.9	10.6	16.0





#25

Isophorone

Concen: 40.07 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

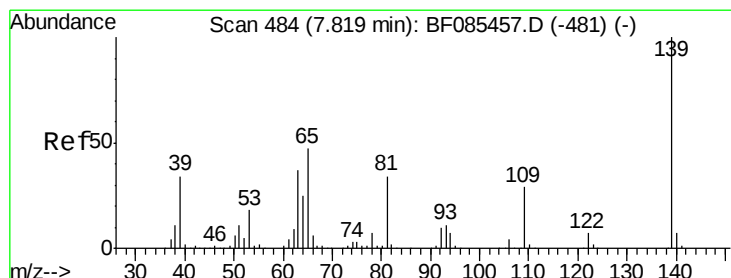
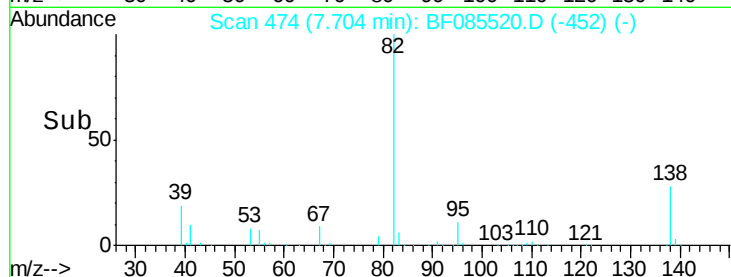
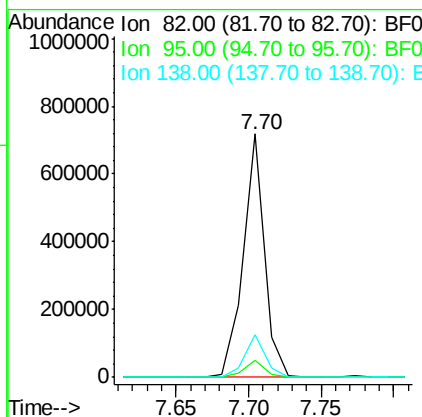
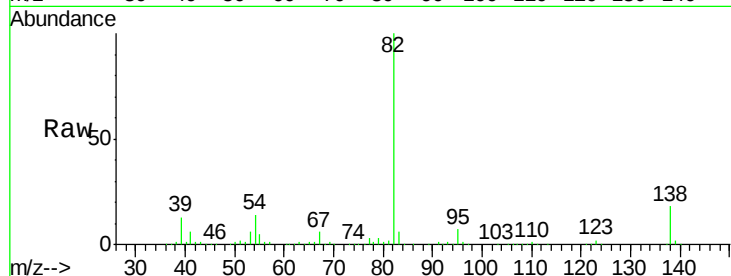
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	731400
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	17.8	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.34 ng

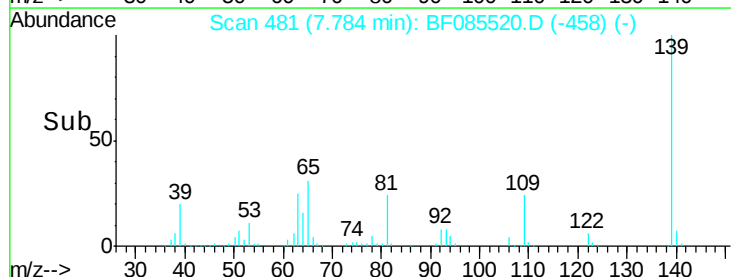
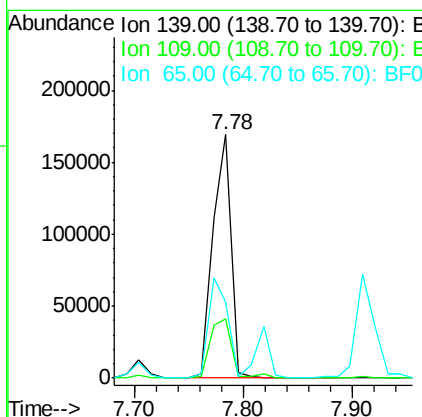
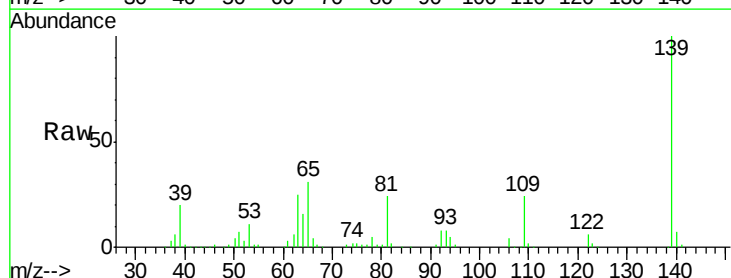
RT: 7.78 min Scan# 481

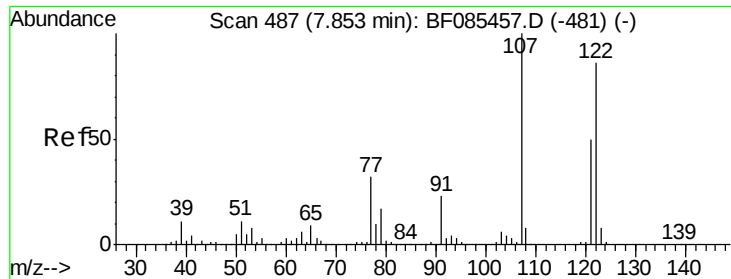
Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	139	Resp:	199732
Ion Ratio	Lower	Upper	
139	100		
109	24.5	19.1	28.7
65	31.4	23.9	35.9





#27

2,4-Dimethylphenol

Concen: 40.43 ng

RT: 7.82 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

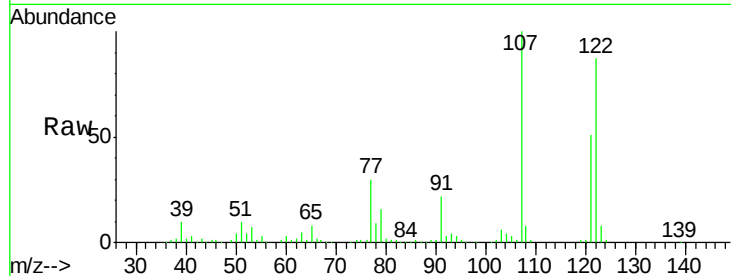
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	347440		
107	115.3	84.8	127.2	
121	59.0	47.0	70.6	

Manual Integrations
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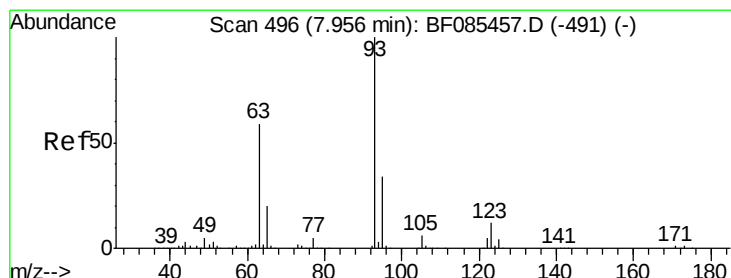
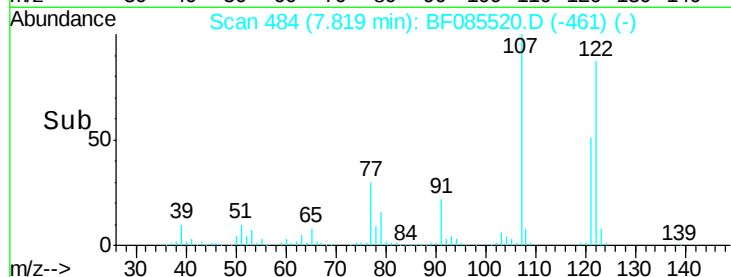
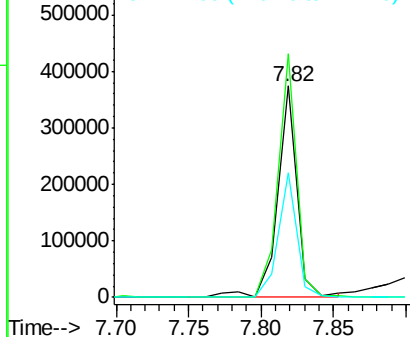
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.52 ng

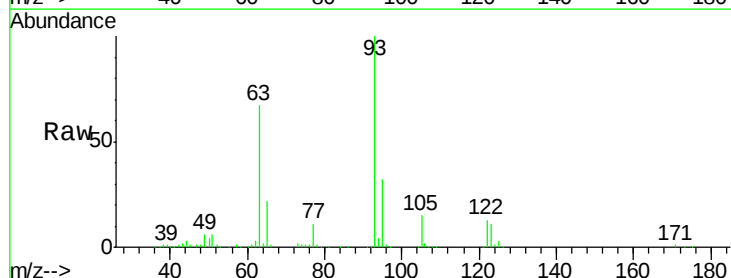
RT: 7.91 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

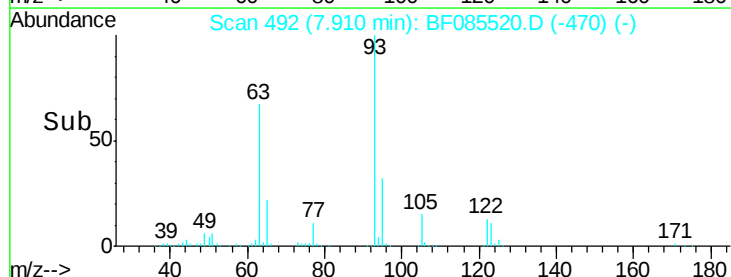
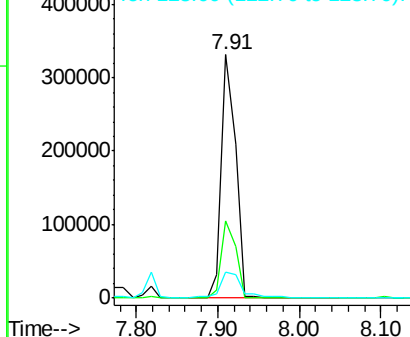
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	398515		
95	31.9	25.9	38.9	
123	10.9	8.8	13.2	

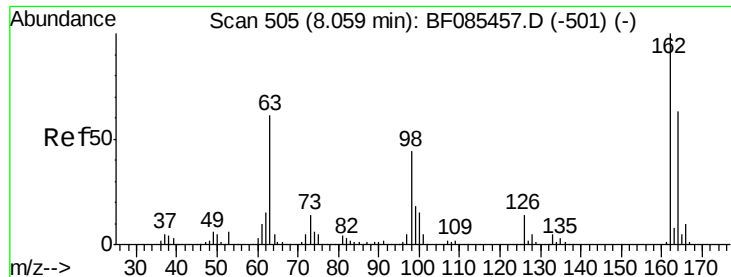


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





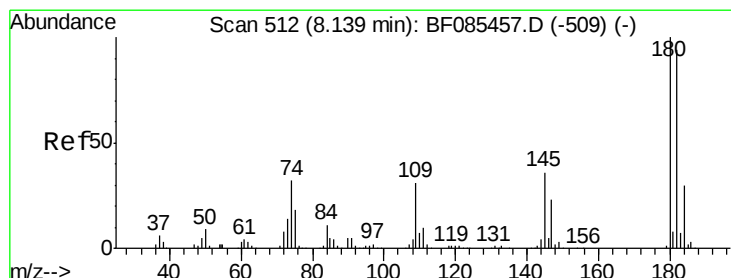
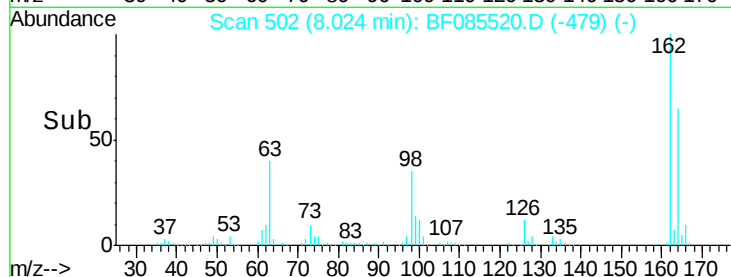
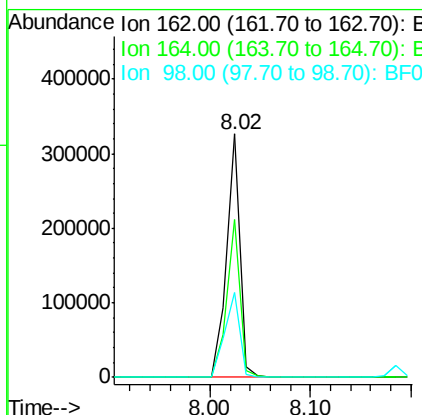
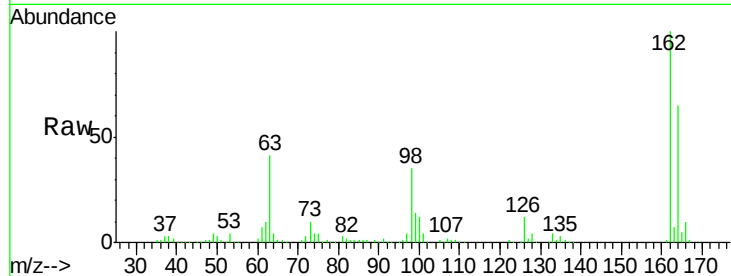
#29
 2,4-Dichlorophenol
 Concen: 43.45 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	45.7	85.7
98	35.1	9.4	49.4

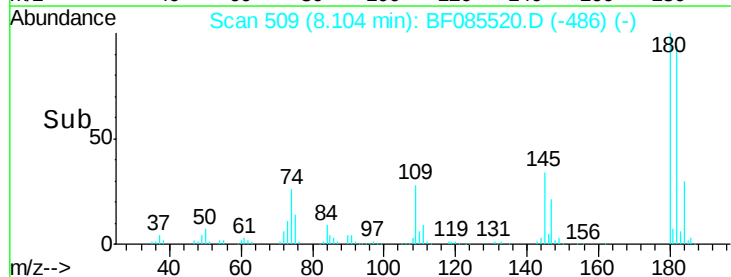
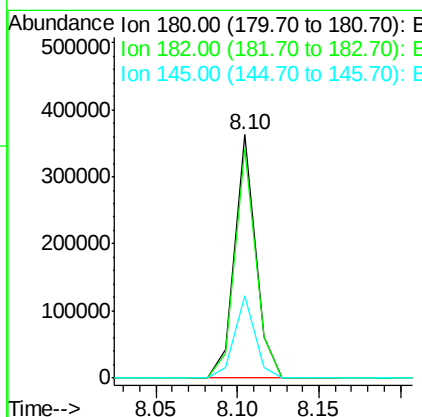
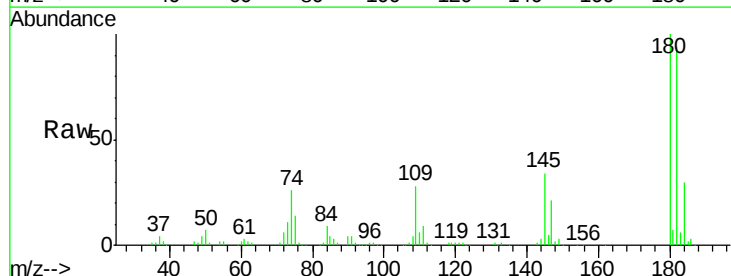
Manual Integrations
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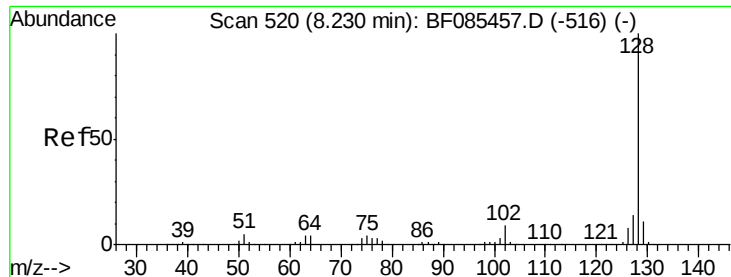
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.78 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	74.9	112.3
145	33.6	27.9	41.9





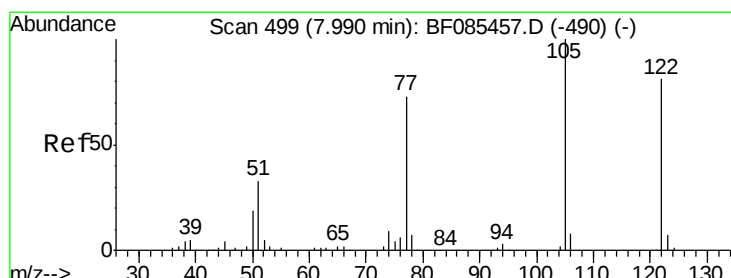
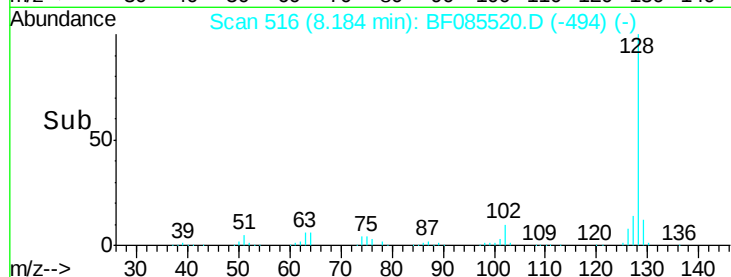
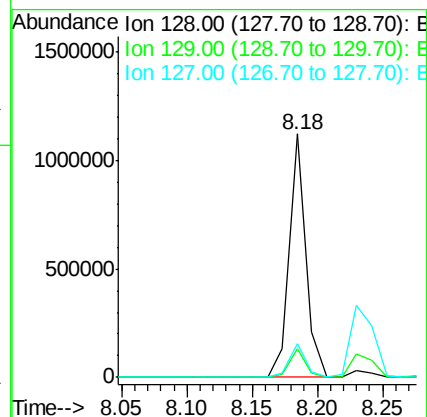
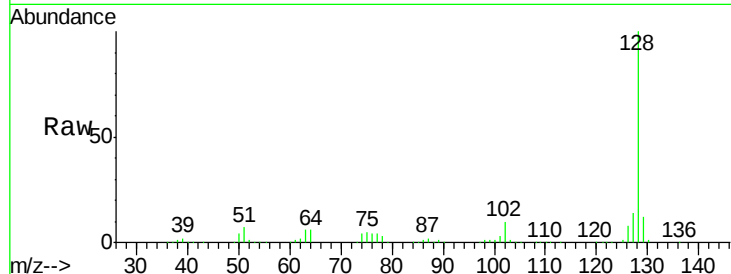
#31
Naphthalene
Concen: 38.97 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1007798
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.7 11.2 16.8

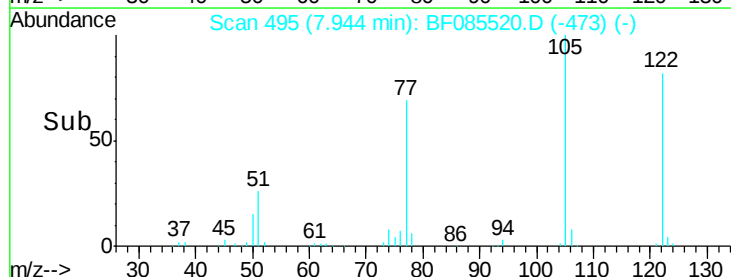
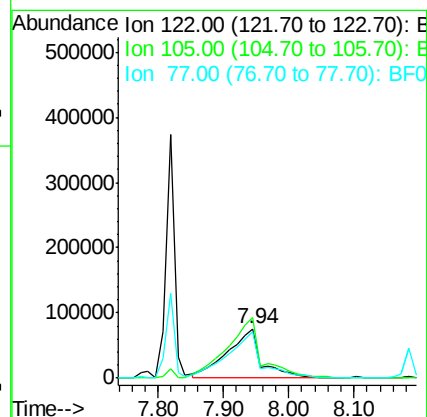
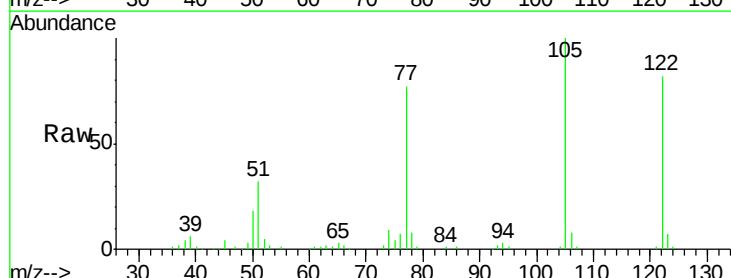
Manual Integrations
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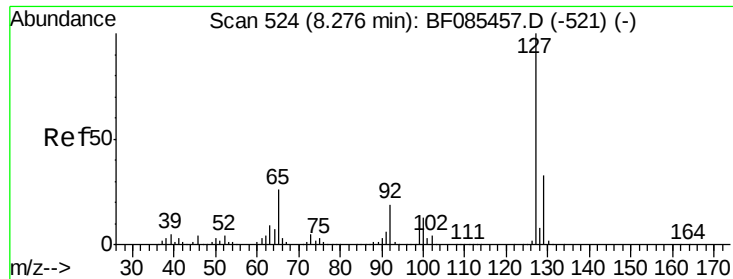
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#32
Benzoic acid
Concen: 54.81 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion:122 Resp: 270861
Ion Ratio Lower Upper
122 100
105 122.1 101.3 141.3
77 93.4 74.7 114.7





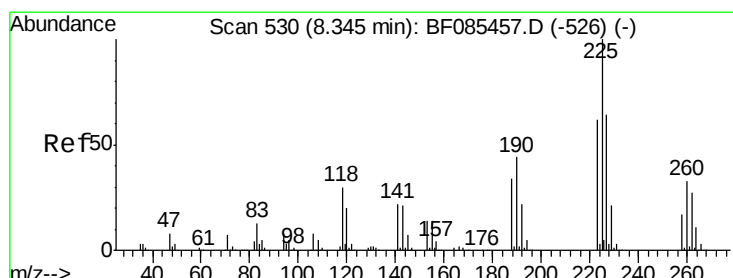
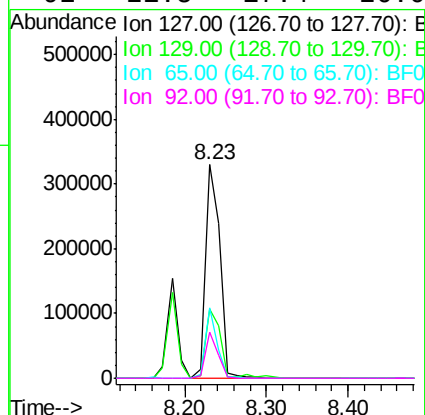
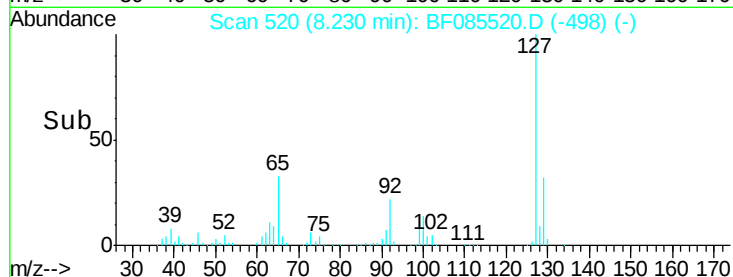
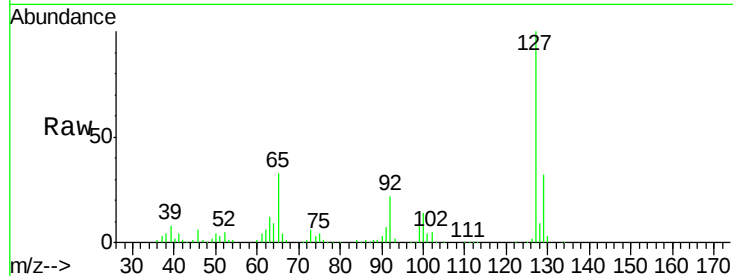
#33
4-Chloroaniline
Concen: 37.13 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	413026		
129	32.4	26.1	39.1	
65	33.2	27.0	40.6	
92	21.5	17.4	26.0	

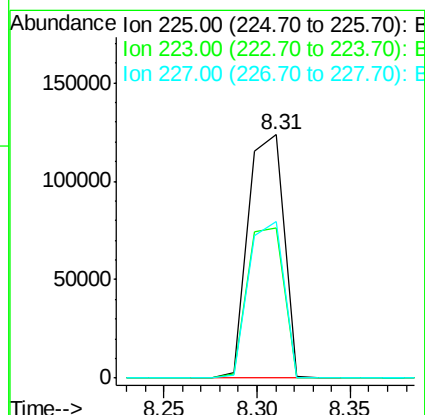
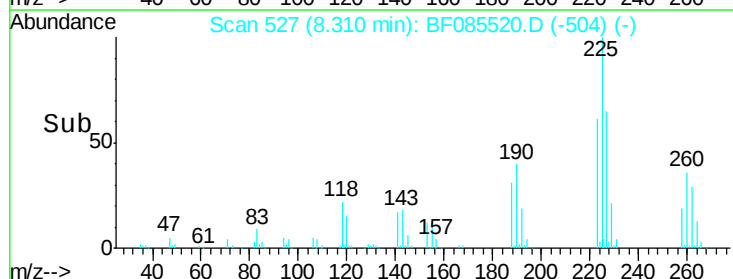
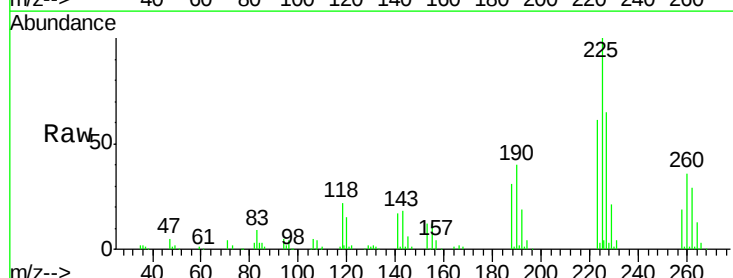
Manual Integrations
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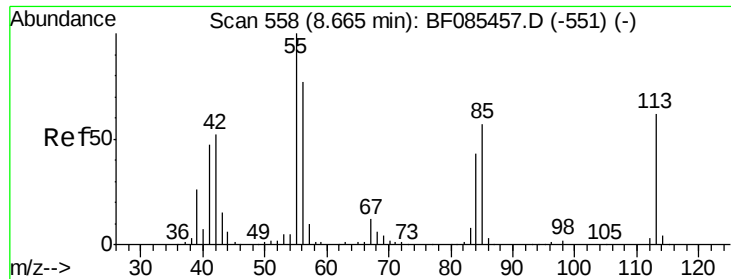
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#34
Hexachlorobutadiene
Concen: 39.48 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166240		
223	61.5	49.7	74.5	
227	64.5	52.2	78.4	





#35

Caprolactam

Concen: 46.03 ng

RT: 8.62 min Scan# 554

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

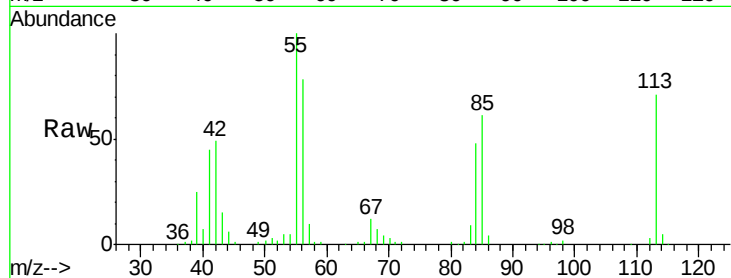
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	140.8	152.7	192.7#
56	109.6	109.0	149.0

Manual Integrations
APPROVED

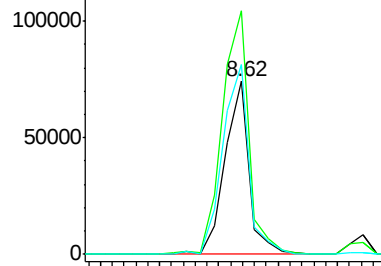
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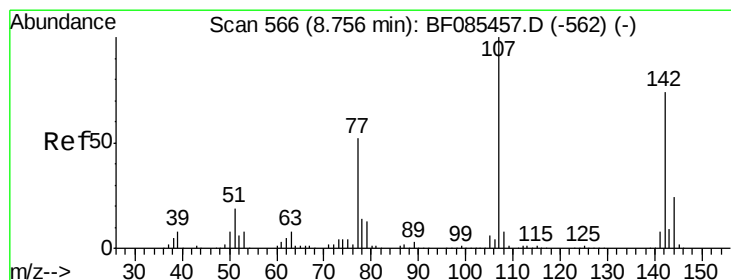
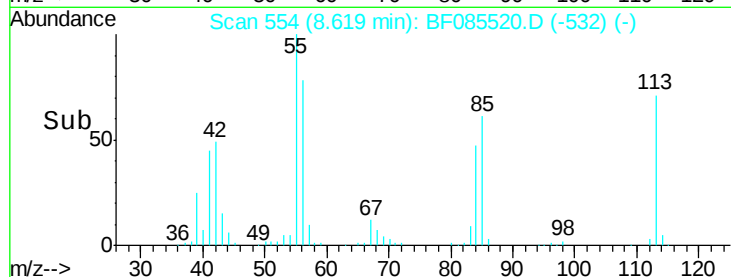
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.46 ng

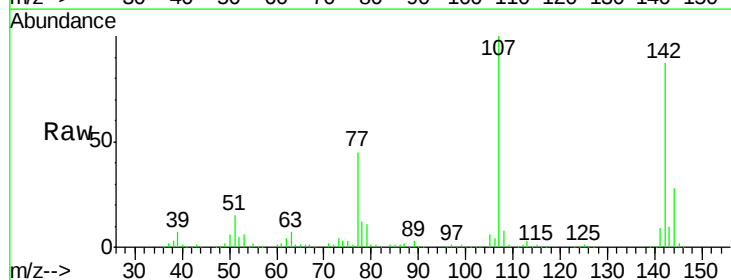
RT: 8.72 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

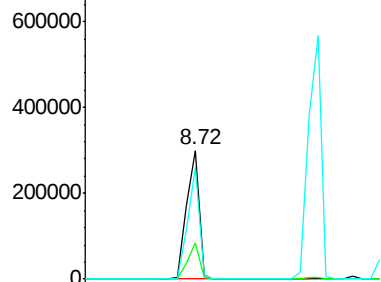
Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	19.4	29.2
142	87.2	59.4	89.2



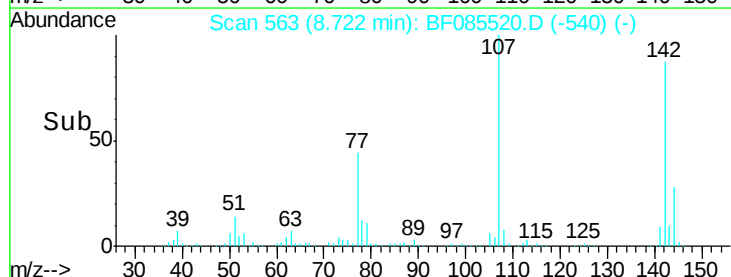
Abundance Ion 107.00 (106.70 to 107.70): E

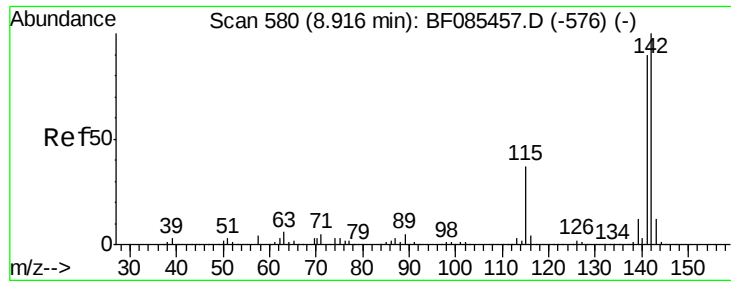
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





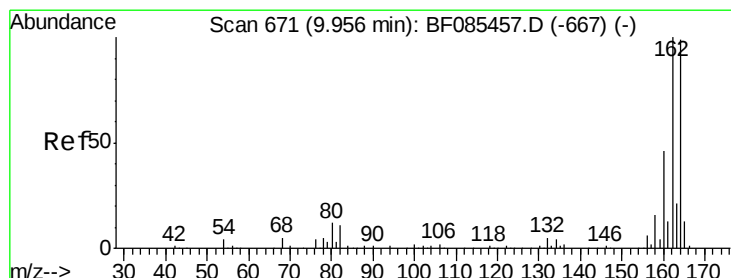
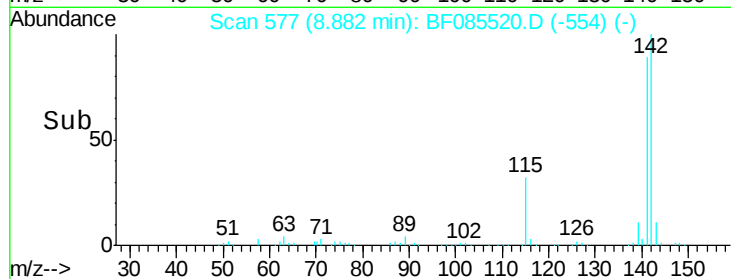
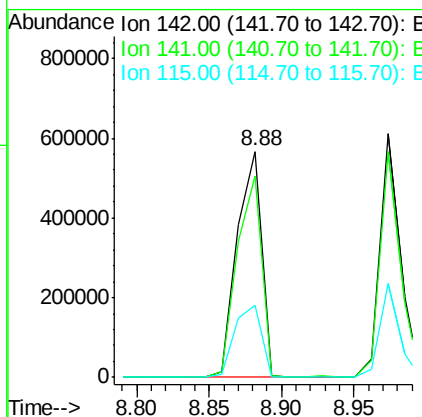
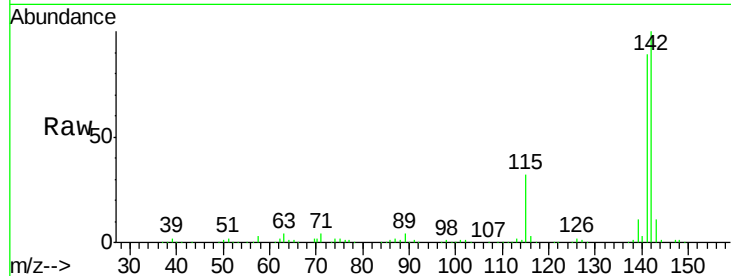
#37
2-Methylnaphthalene
Concen: 40.80 ng
RT: 8.88 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	31.7	26.2	39.4

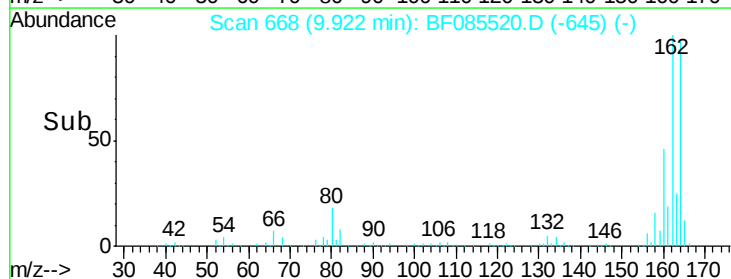
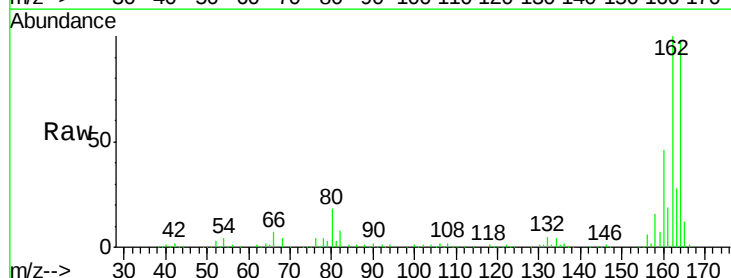
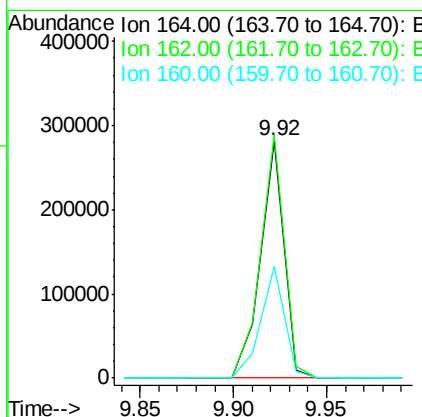
Manual Integrations
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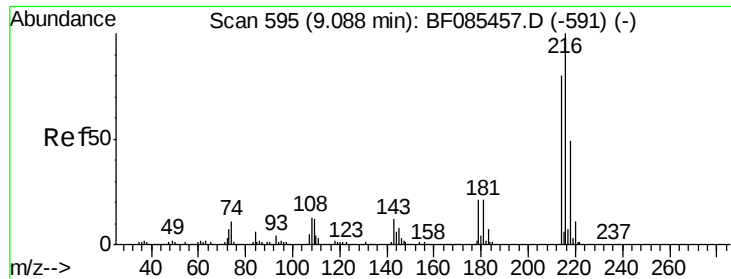
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.3	124.9
160	47.0	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 9.04 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF085520.D

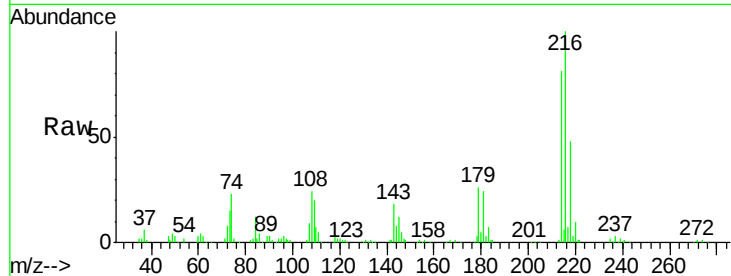
Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 216 Resp: 280804

Ion Ratio Lower Upper

216 100

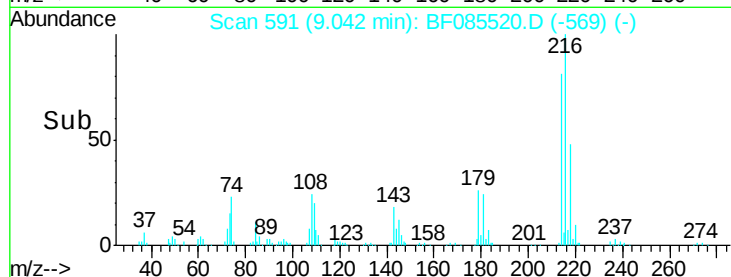
214 79.9 63.8 95.6

179 23.7 19.6 29.4

108 21.8 19.6 29.4

Manual Integrations
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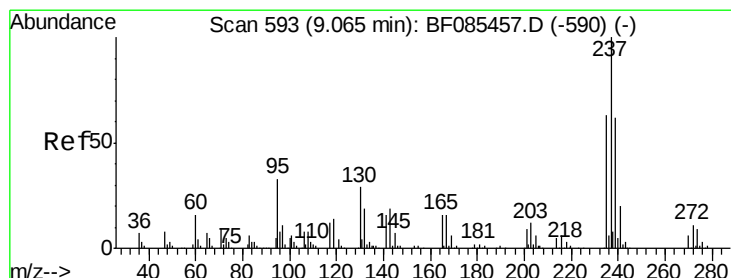
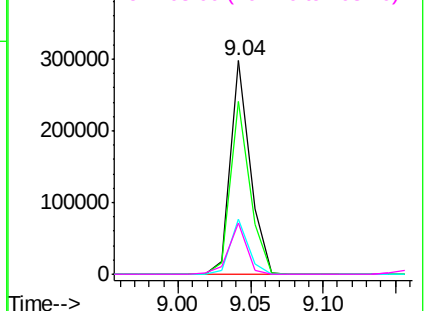


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 17.14 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

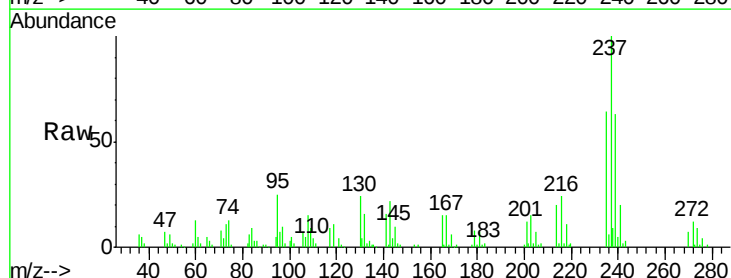
Tgt Ion: 237 Resp: 63249

Ion Ratio Lower Upper

237 100

235 64.2 43.7 83.7

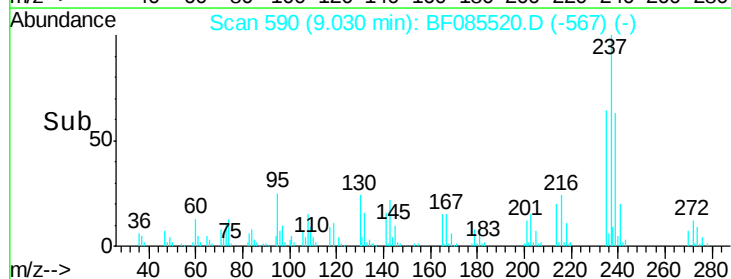
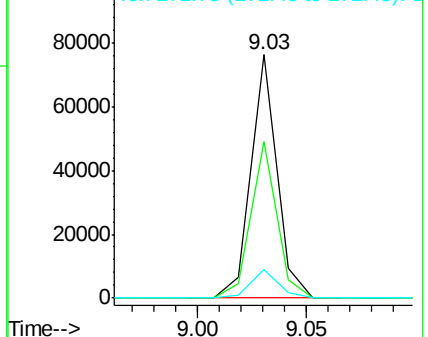
272 11.9 0.0 31.5

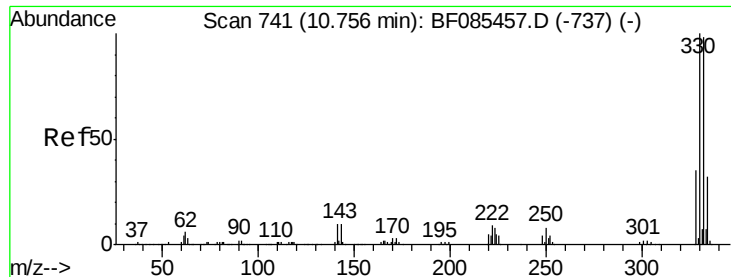


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





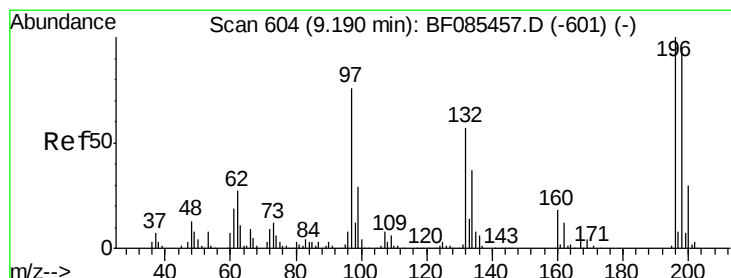
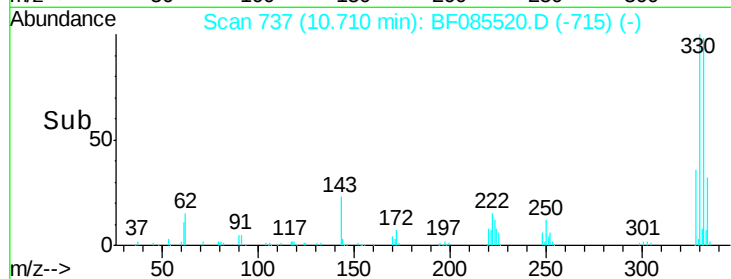
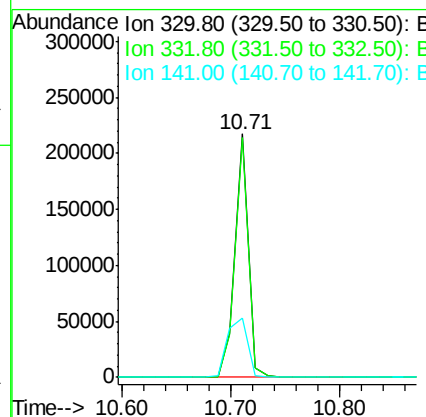
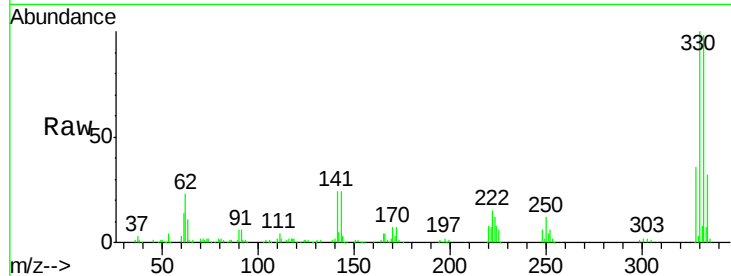
#41
 2,4,6-Tribromophenol
 Concen: 81.71 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	184694		
332	97.9	77.1	115.7	
141	37.2	35.0	52.6	

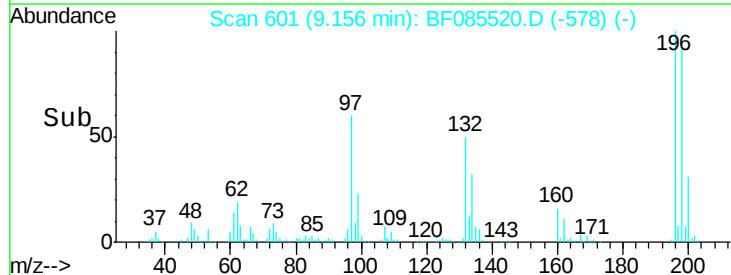
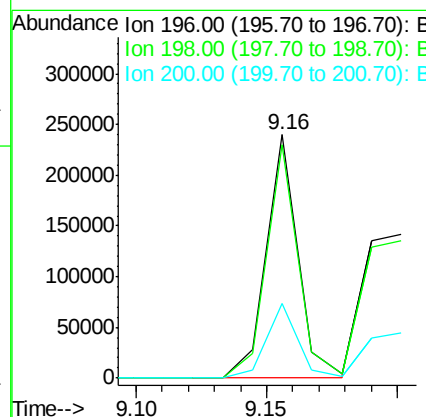
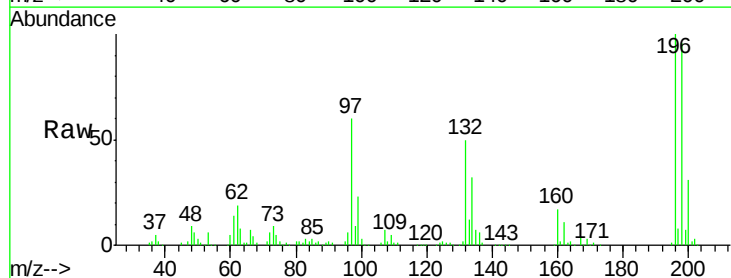
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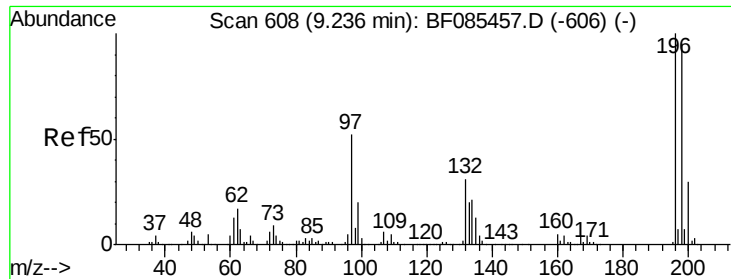
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#42
 2,4,6-Trichlorophenol
 Concen: 40.60 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204654		
198	96.0	77.8	116.6	
200	30.6	25.0	37.6	





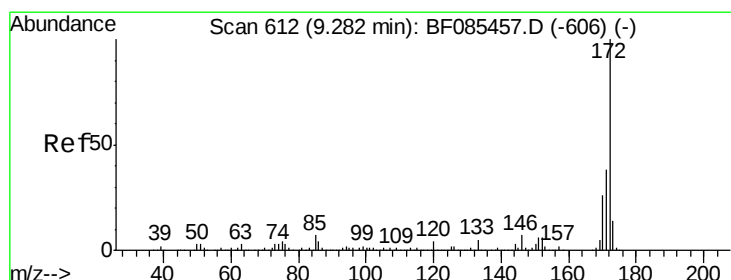
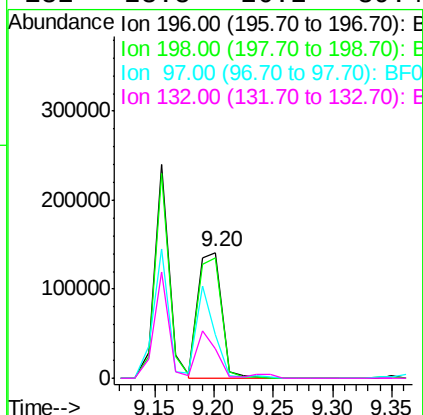
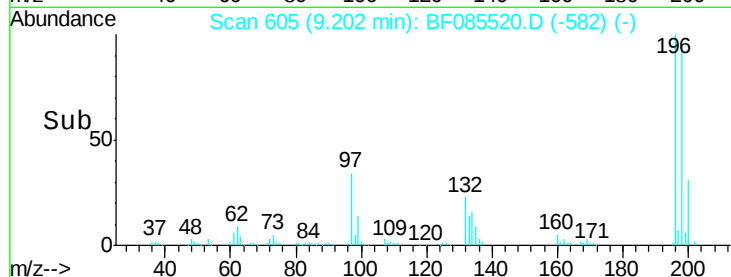
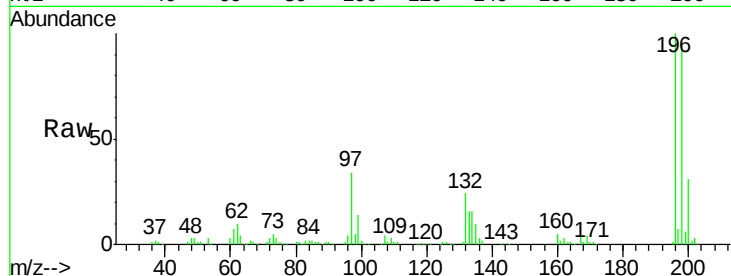
#43
 2,4,5-Trichlorophenol
 Concen: 39.08 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198991		
198	95.9	75.7	113.5	
97	34.4	46.4	69.6	
132	23.8	26.2	39.4	

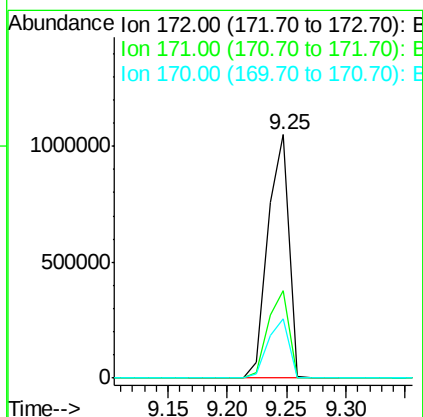
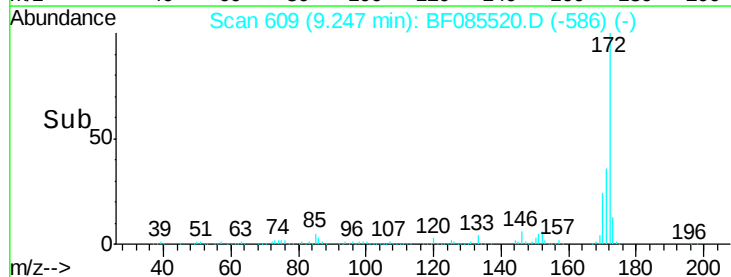
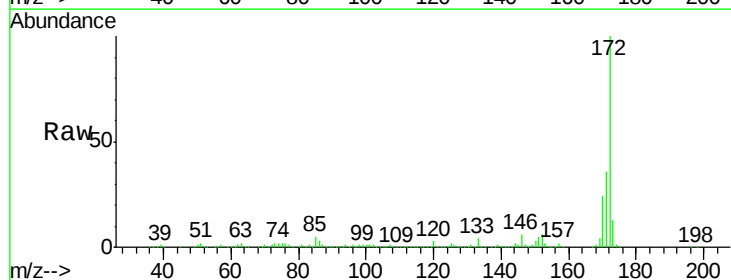
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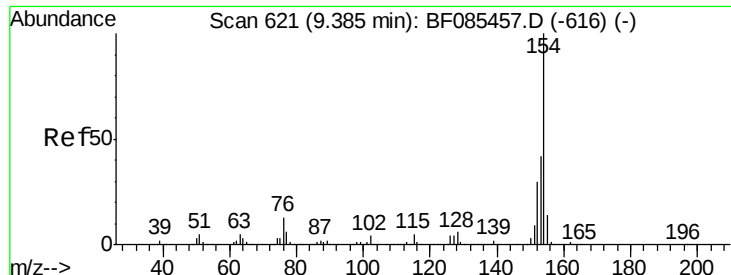
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#44
 2-Fluorobiphenyl
 Concen: 91.71 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1297338		
171	36.0	29.3	43.9	
170	24.2	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 39.42 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

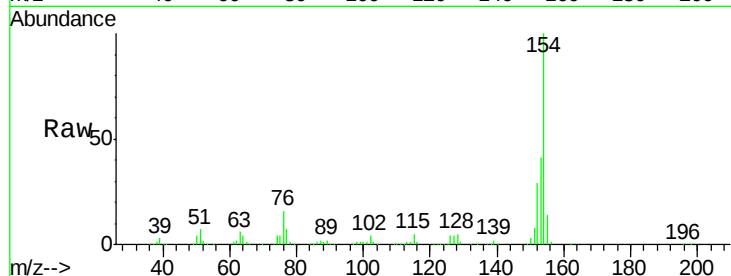
ClientSampleId :

SSTDCCC040

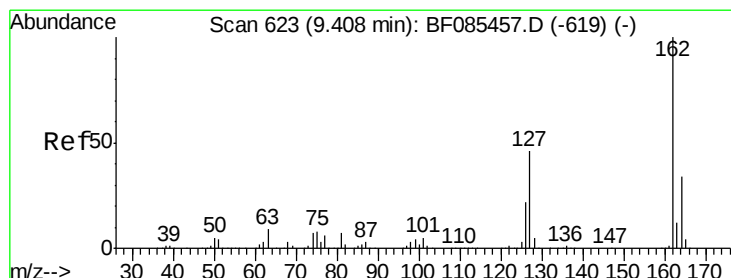
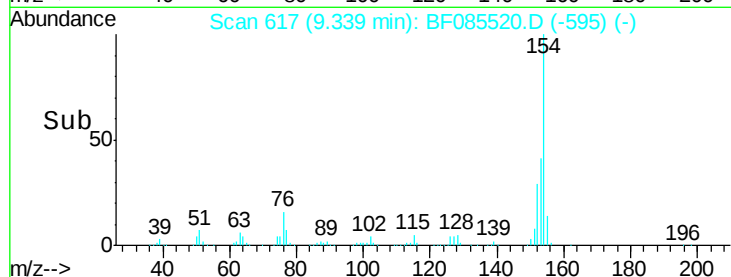
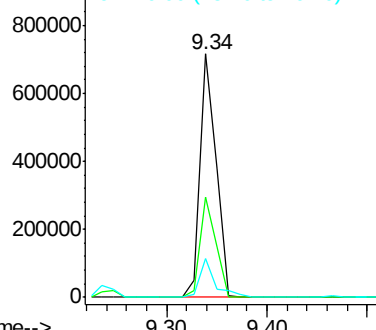
Tgt Ion:	154	Resp:	789592
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.4	61.4
76	16.0	0.0	37.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.98 ng

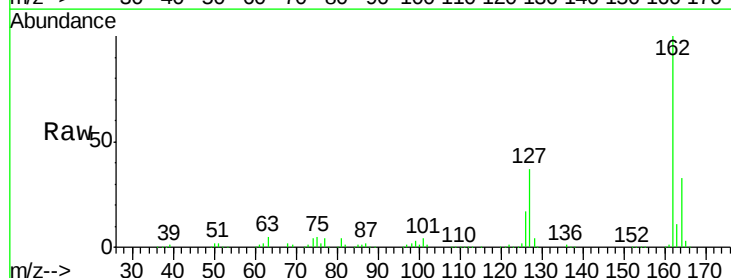
RT: 9.37 min Scan# 620

Delta R.T. -0.03 min

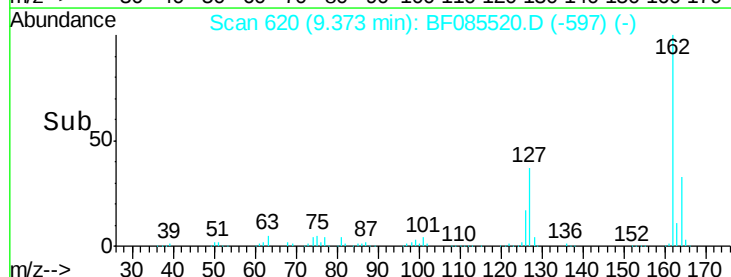
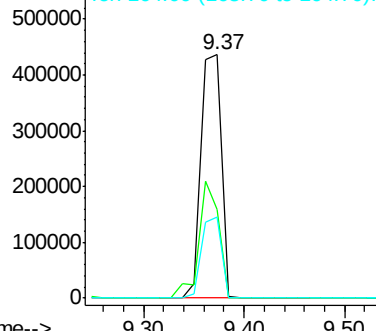
Lab File: BF085520.D

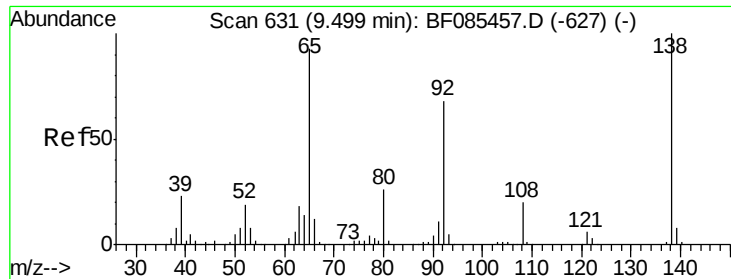
Acq: 18 Mar 2016 5:45

Tgt Ion:	162	Resp:	615068
Ion Ratio	Lower	Upper	
162	100		
127	36.7	31.6	47.4
164	33.4	27.1	40.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





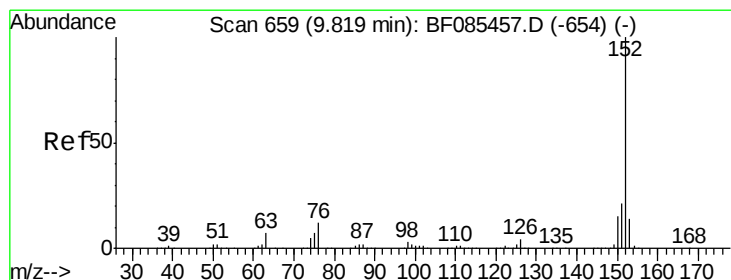
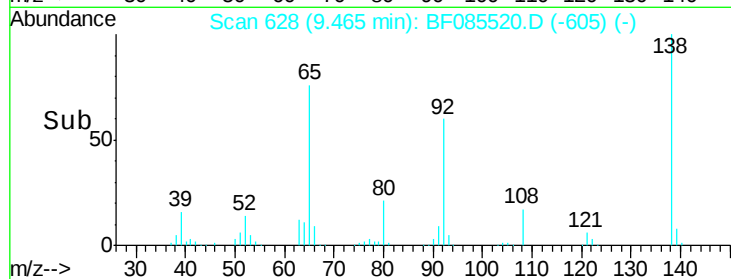
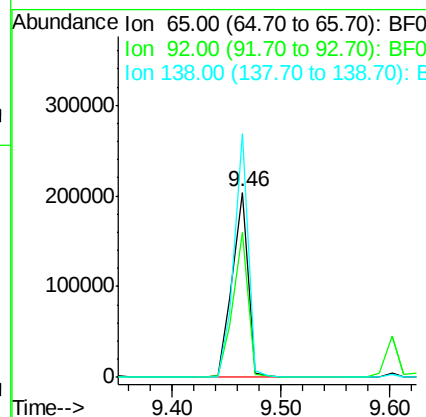
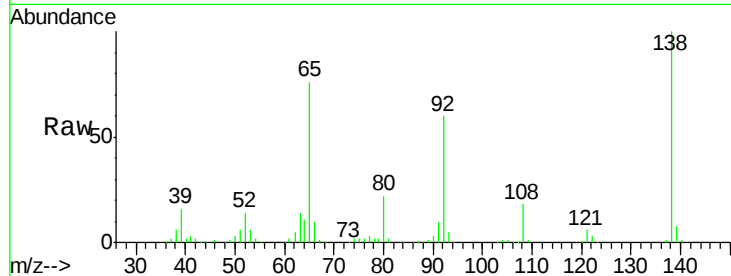
#47
 2-Nitroaniline
 Concen: 45.43 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.7	55.4	83.2
138	131.7	75.7	113.5

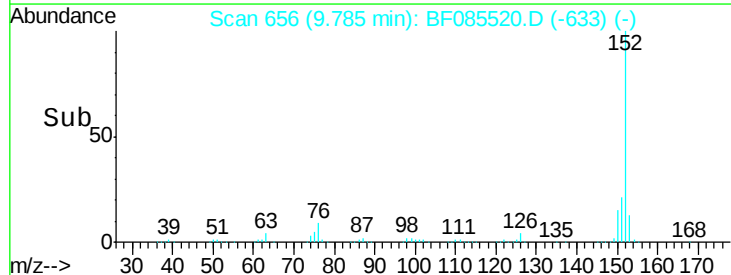
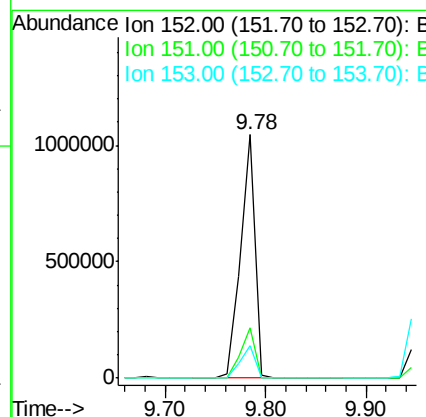
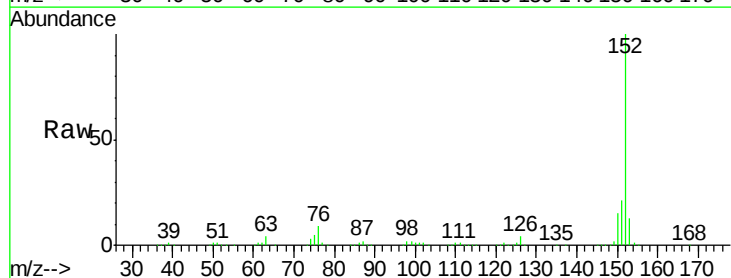
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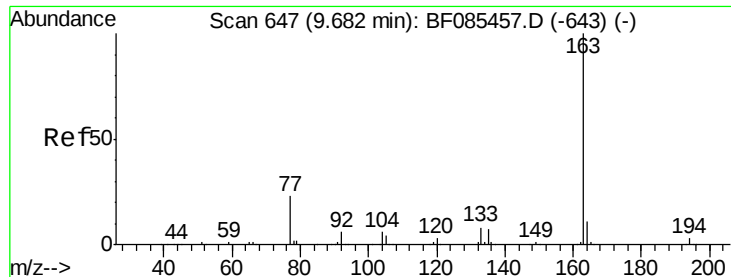
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#48
 Acenaphthylene
 Concen: 42.84 ng
 RT: 9.78 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.5	26.3
153	13.2	11.3	16.9





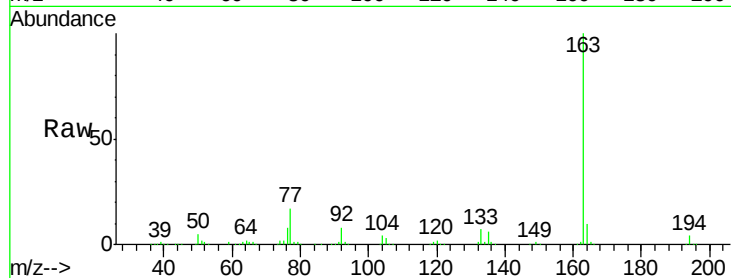
#49
Dimethylphthalate
Concen: 43.96 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

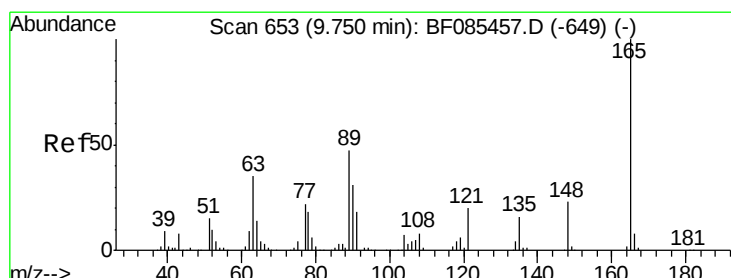
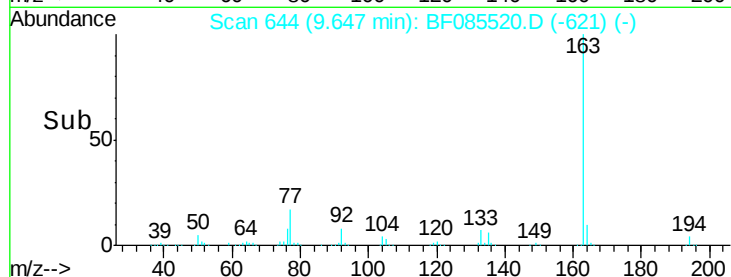
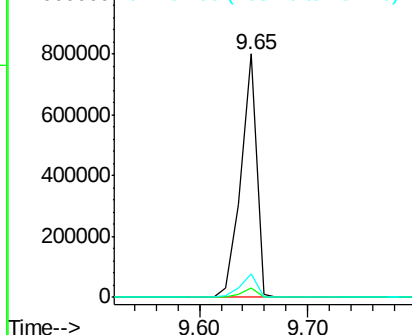
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.4

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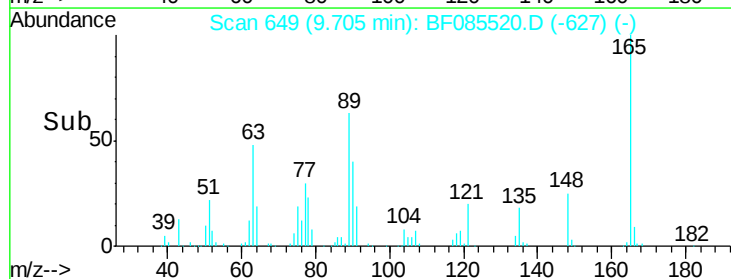
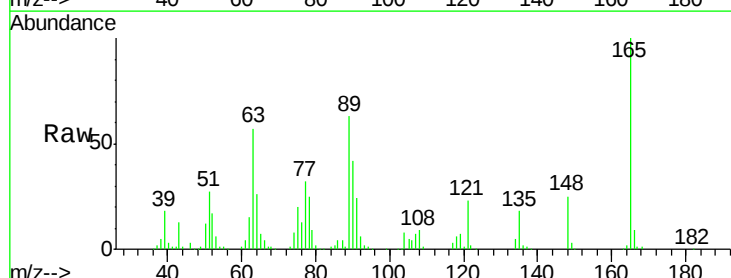
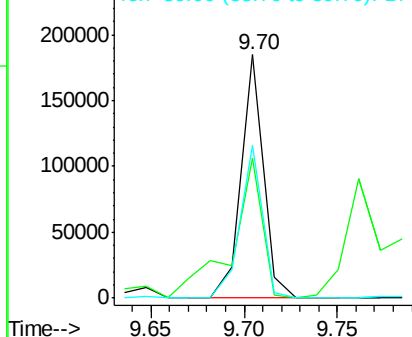
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

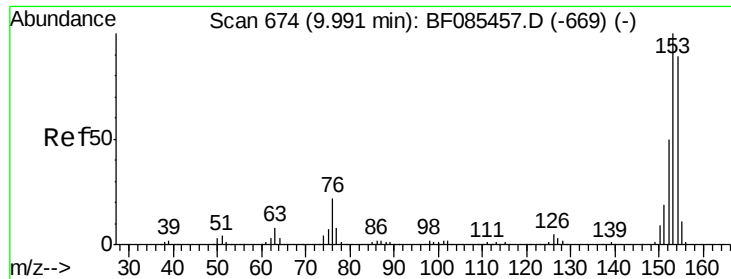


#50
2,6-Dinitrotoluene
Concen: 38.96 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.3	41.8	62.8
89	62.9	46.7	70.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.11 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

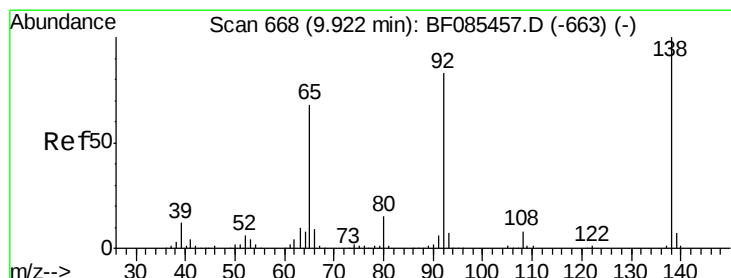
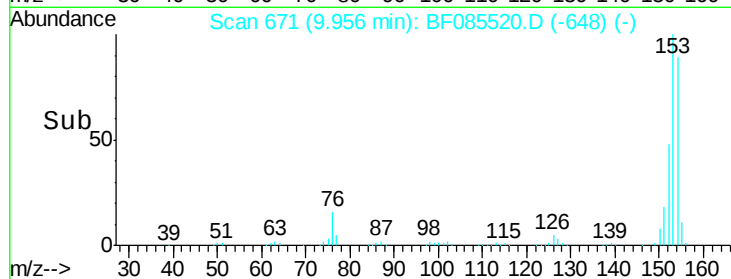
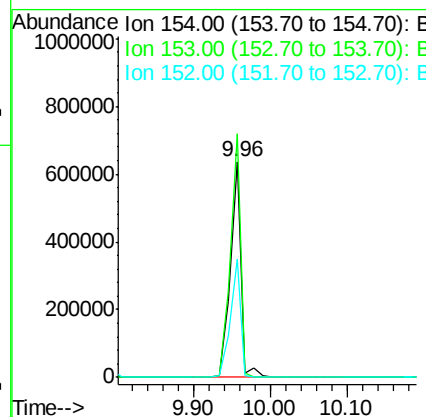
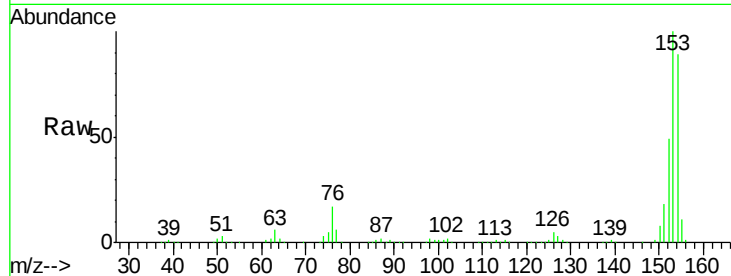
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	627622
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.8
152	54.8	44.6	66.8

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#52

3-Nitroaniline

Concen: 43.55 ng

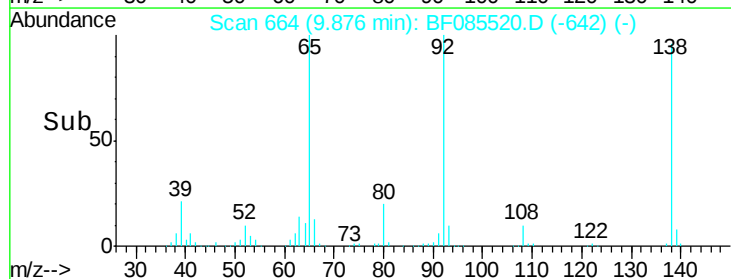
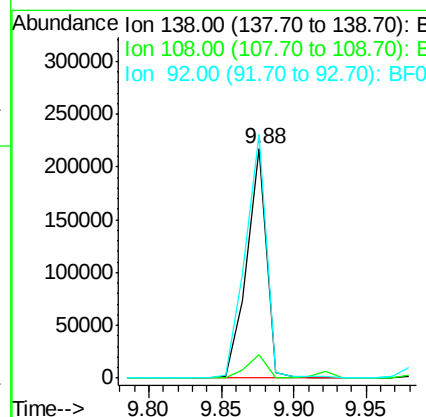
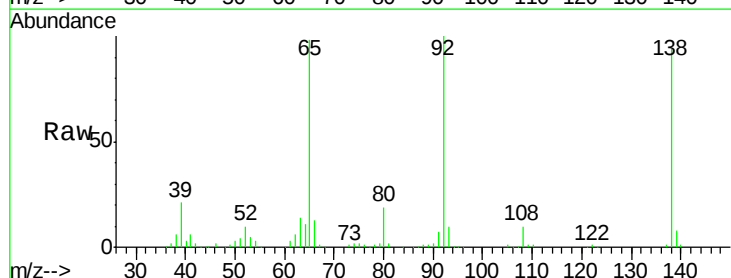
RT: 9.88 min Scan# 664

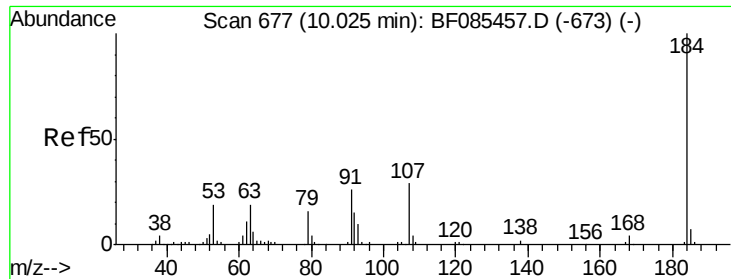
Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	138	Resp:	206008
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.6
92	106.3	81.3	121.9





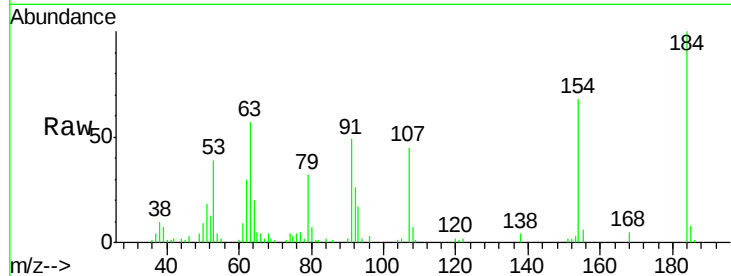
#53
 2,4-Dinitrophenol
 Concen: 21.74 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

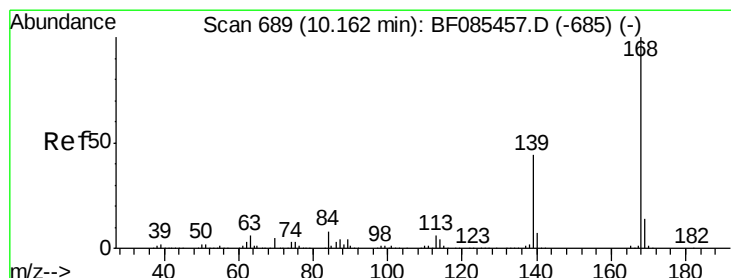
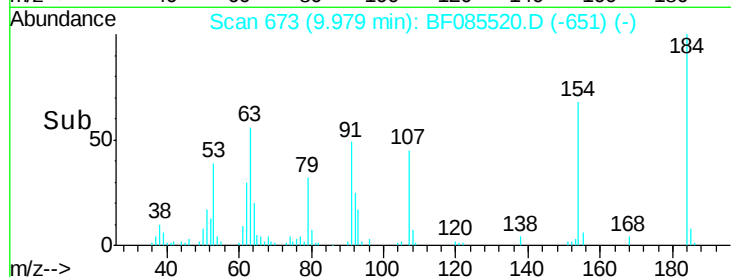
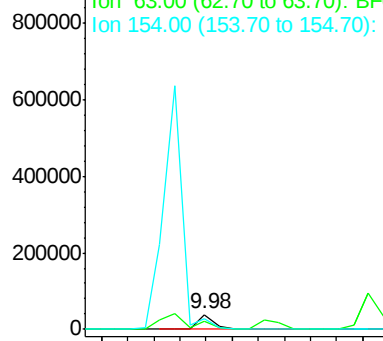
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35247		
63	56.9	82.2	123.4#	
154	68.4	108.9	163.3#	

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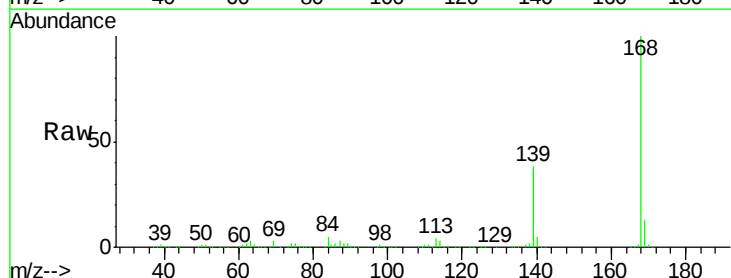


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

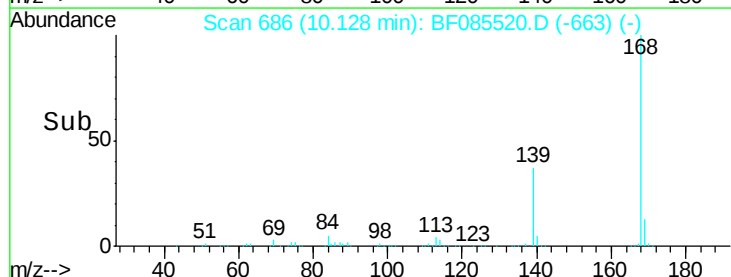
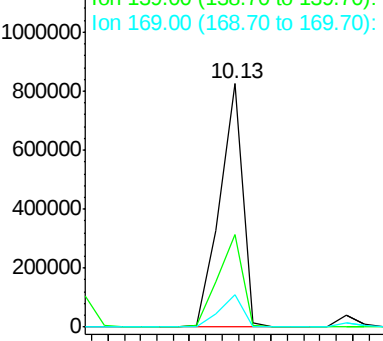


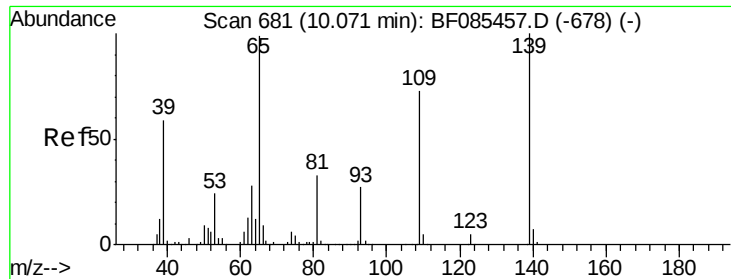
#54
 Dibenzofuran
 Concen: 43.19 ng
 RT: 10.13 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	809943		
139	37.8	33.6	50.4	
169	13.3	11.2	16.8	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





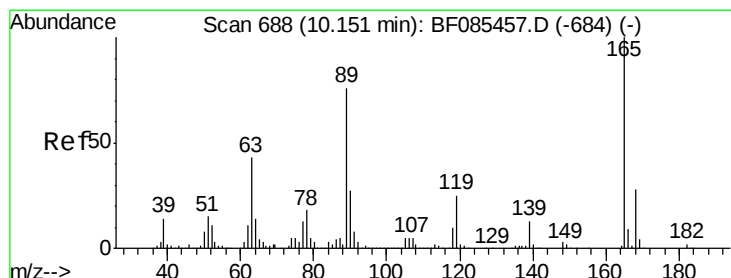
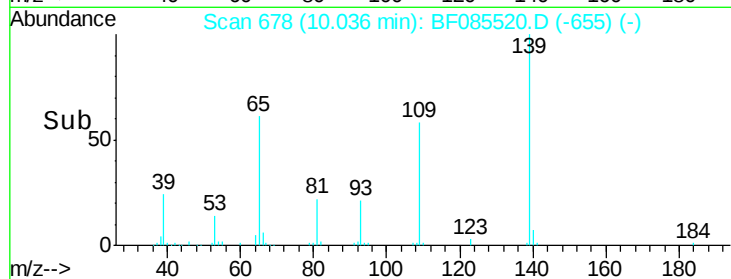
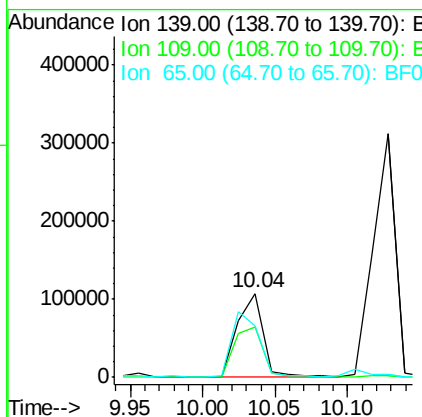
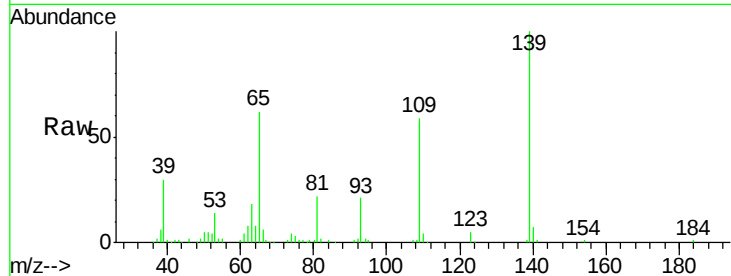
#55
4-Nitrophenol
Concen: 41.18 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	134065		
109	59.2	41.9	81.9	
65	61.8	48.3	88.3	

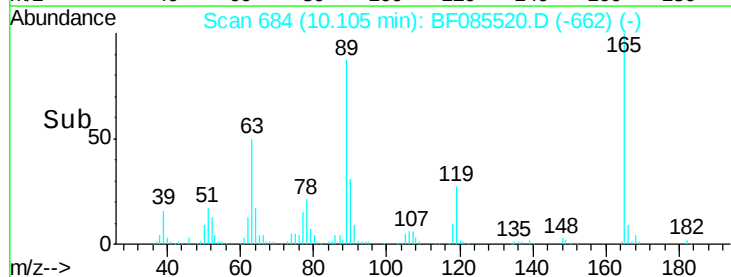
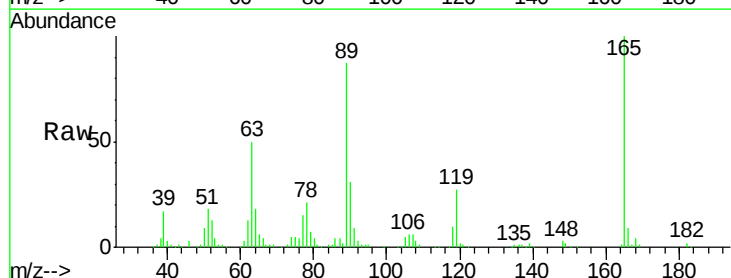
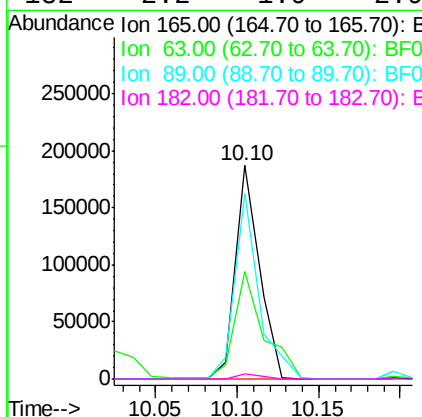
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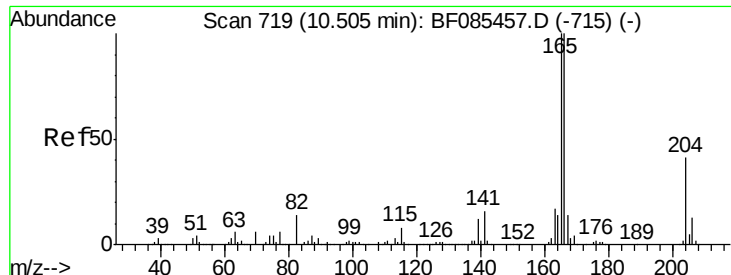
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#56
2,4-Dinitrotoluene
Concen: 38.00 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188531		
63	50.4	35.4	53.0	
89	87.2	61.9	92.9	
182	2.2	1.9	2.9	





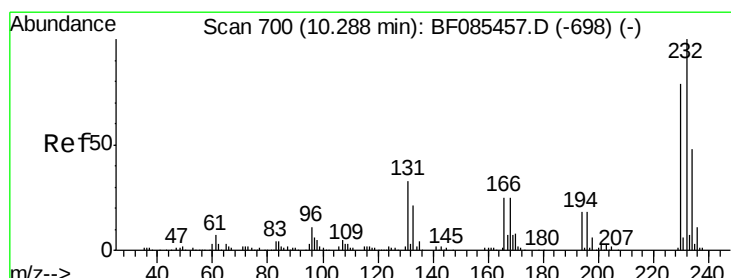
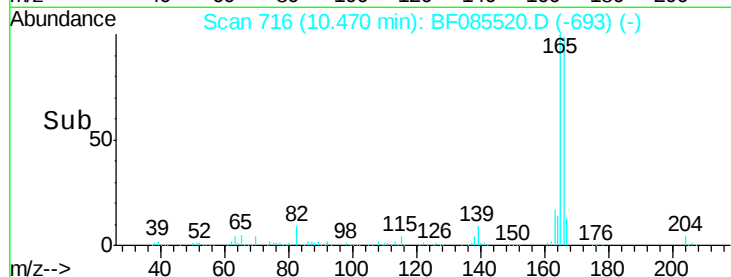
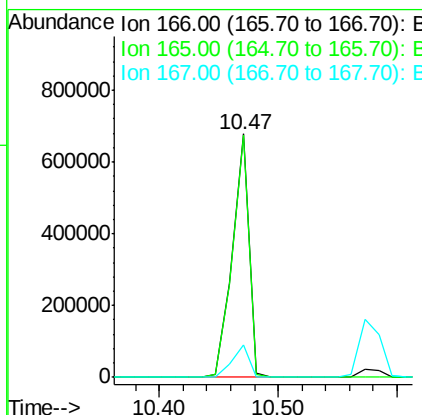
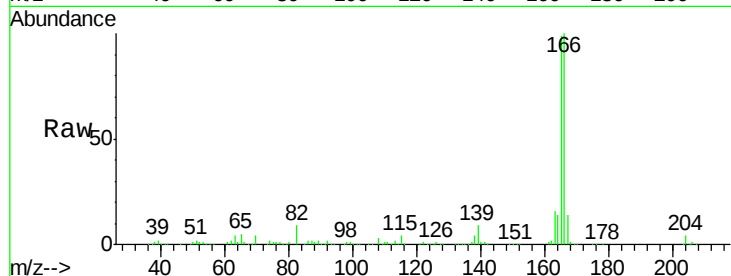
#57
 Fluorene
 Concen: 44.15 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	660193		
165	99.5	79.4	119.0	
167	13.6	11.0	16.6	

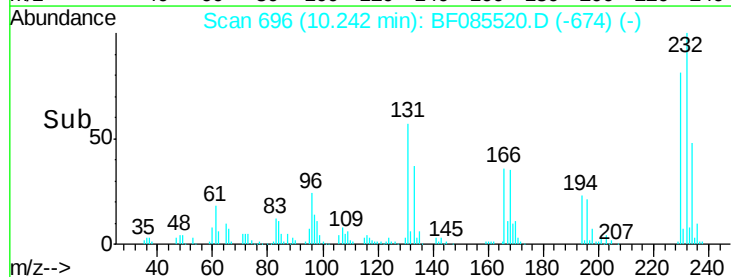
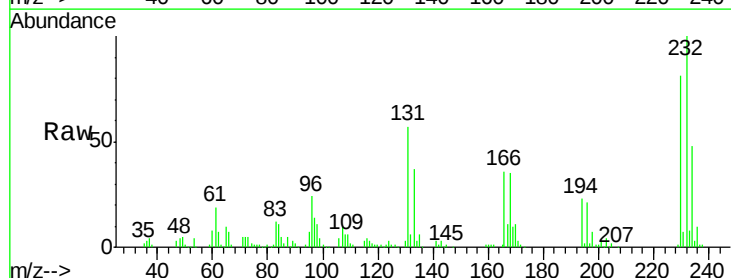
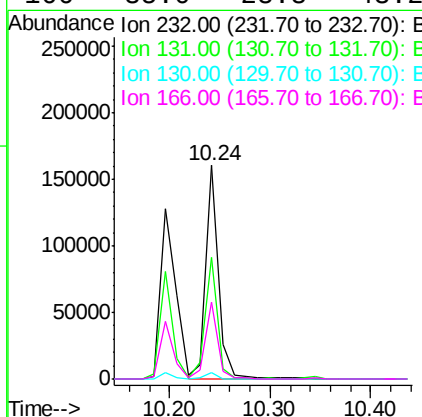
Manual Integrations
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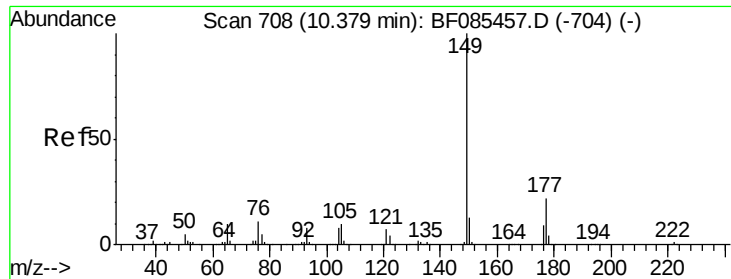
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.32 ng
 RT: 10.24 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	140956		
131	55.2	46.0	69.0	
130	2.9	2.2	3.4	
166	35.0	28.8	43.2	





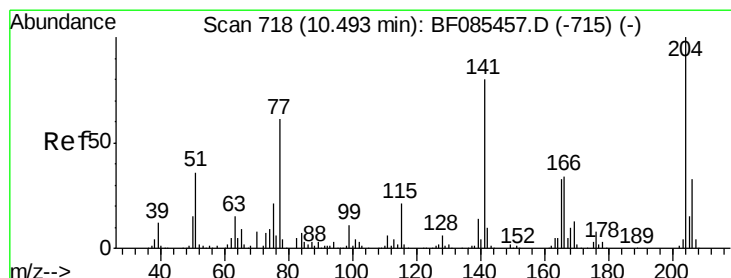
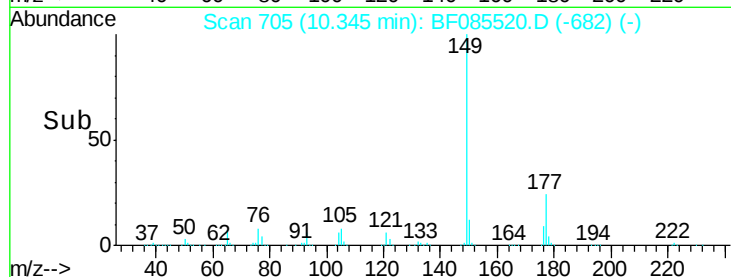
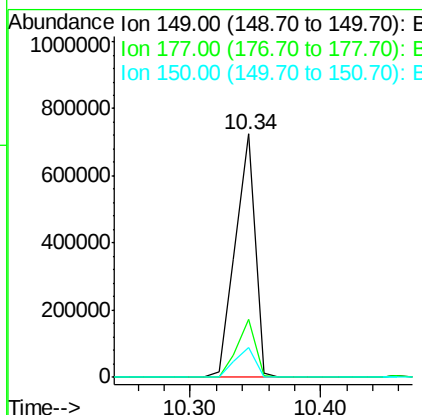
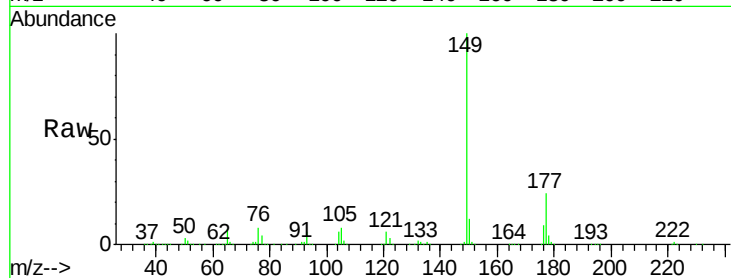
#59
Diethylphthalate
Concen: 43.73 ng
RT: 10.34 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	757944		
177	23.7	19.2	28.8	
150	12.5	9.9	14.9	

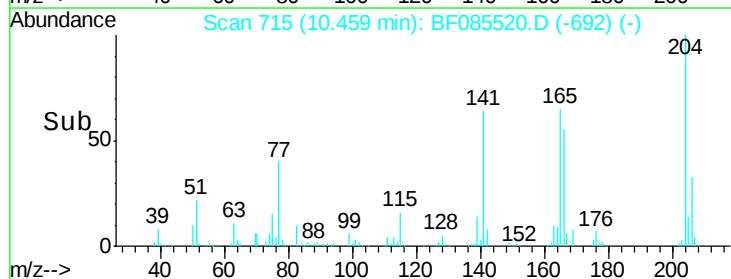
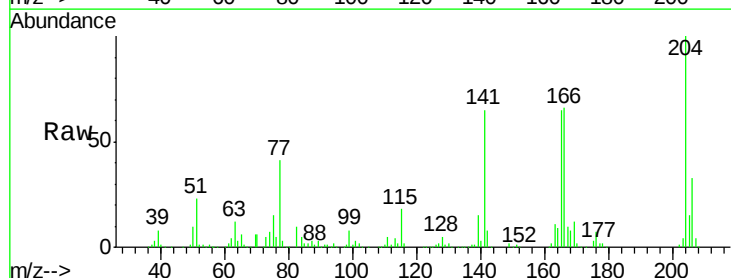
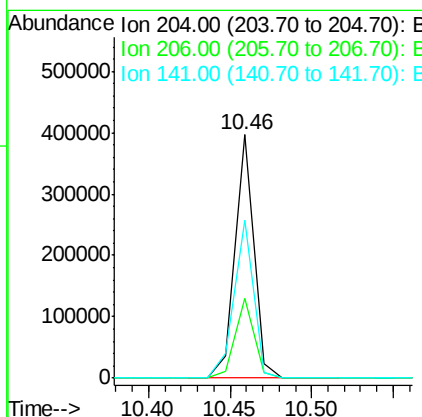
Manual Integrations
APPROVED

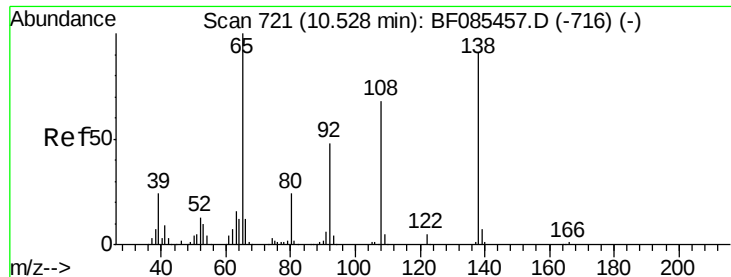
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#60
4-Chlorophenyl-phenylether
Concen: 40.89 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	314193		
206	32.8	26.5	39.7	
141	65.0	55.4	83.2	





#61

4-Nitroaniline

Concen: 37.38 ng

RT: 10.48 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

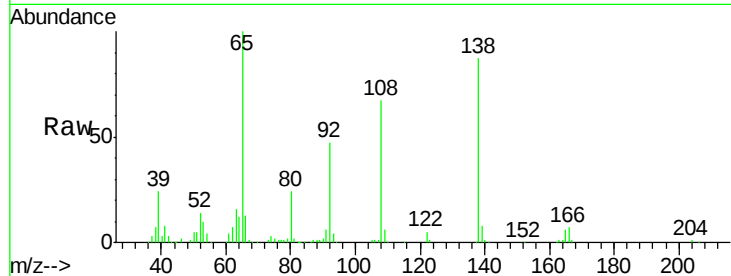
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	166261
Ion Ratio	Lower	Upper	
138	100		
92	53.9	34.2	74.2
108	76.4	53.9	93.9

Manual Integrations
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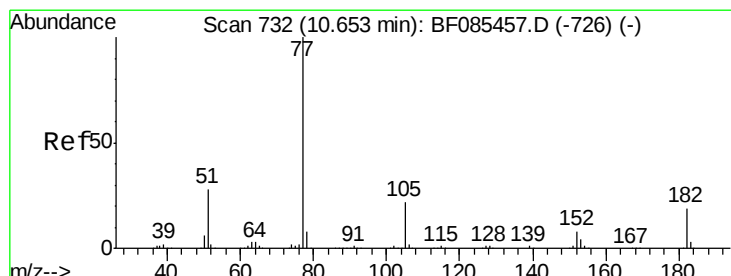
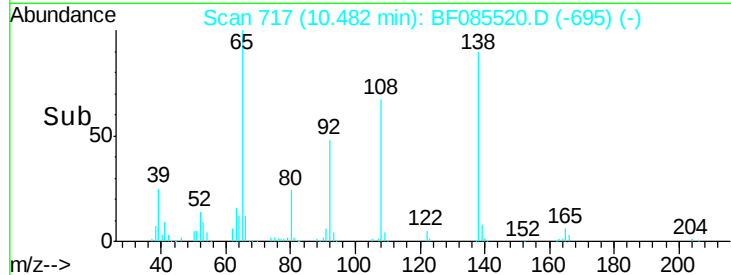
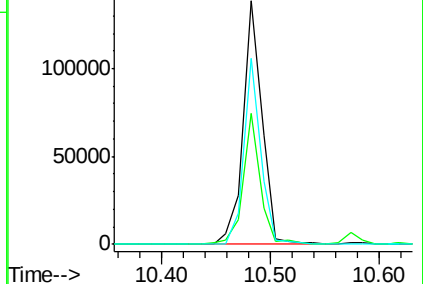
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.56 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

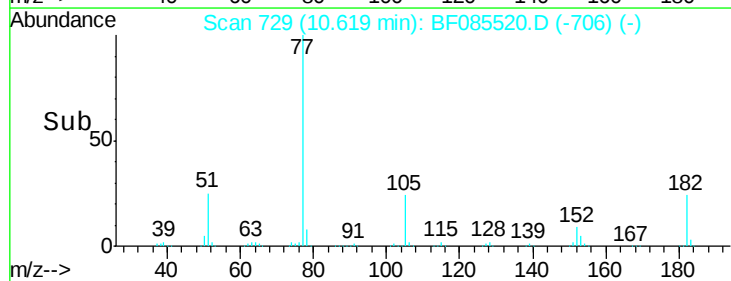
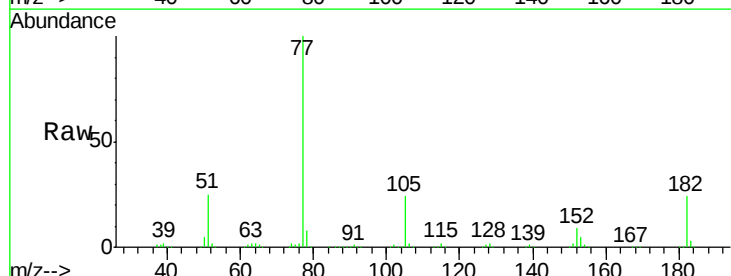
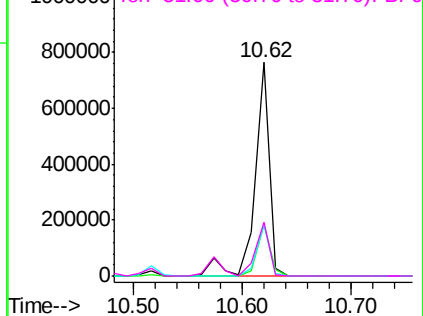
Tgt Ion:	77	Resp:	715475
Ion Ratio	Lower	Upper	
77	100		
182	24.2	2.1	42.1
105	24.1	3.8	43.8
51	25.2	7.8	47.8

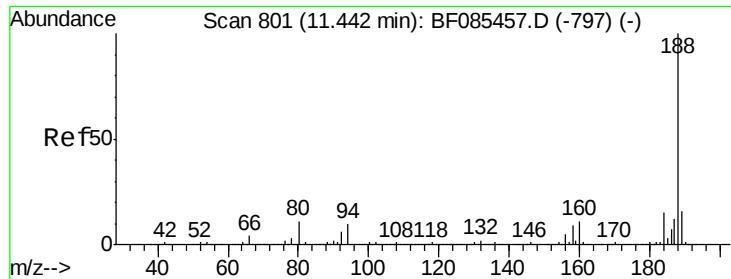
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





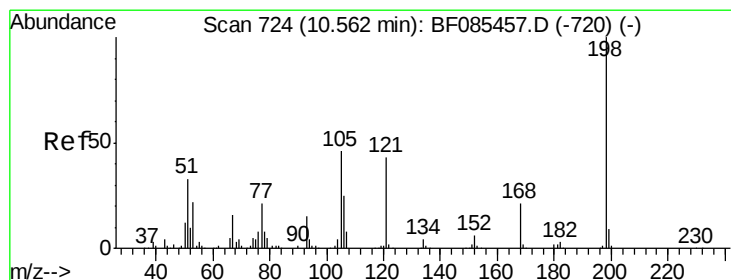
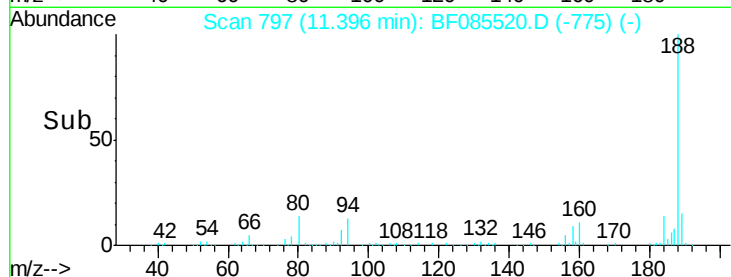
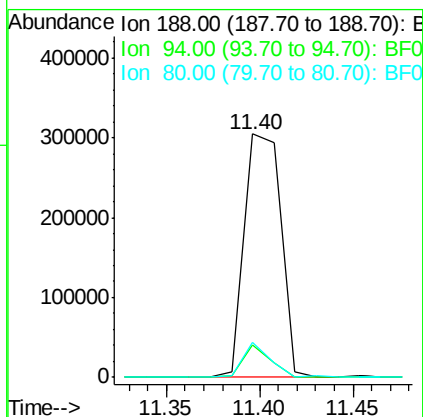
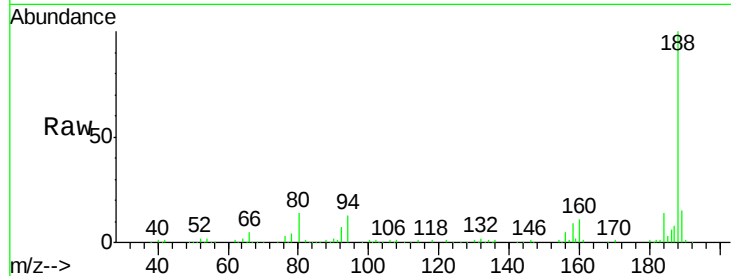
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.2	7.0	10.6#
80	14.2	7.4	11.0#

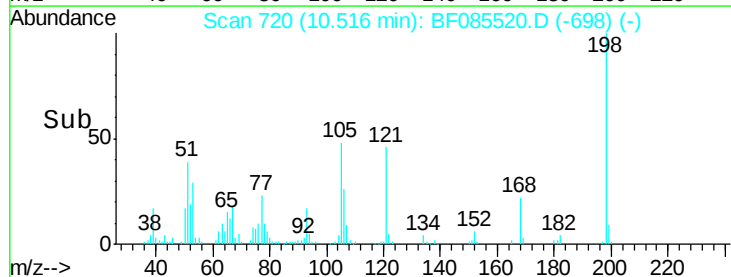
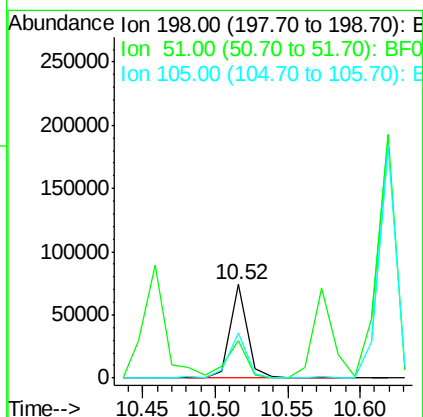
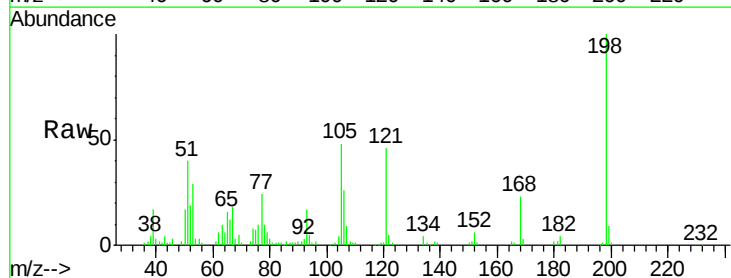
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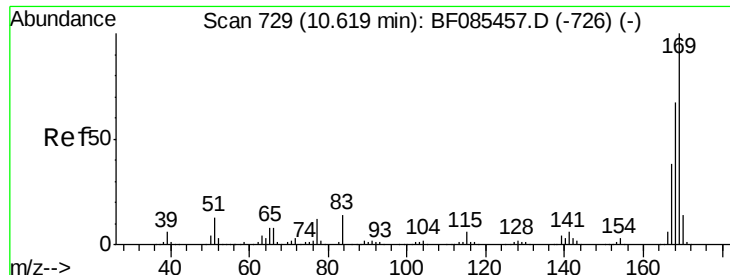
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.30 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	39.6	9.5	49.5
105	47.8	20.5	60.5





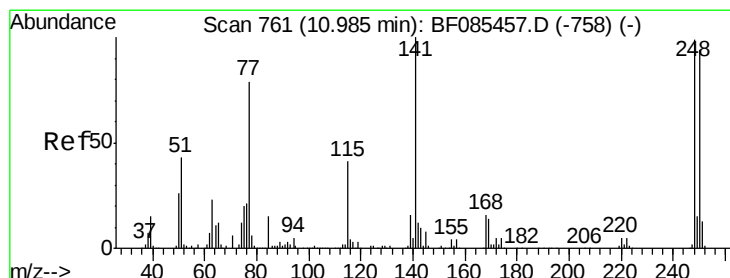
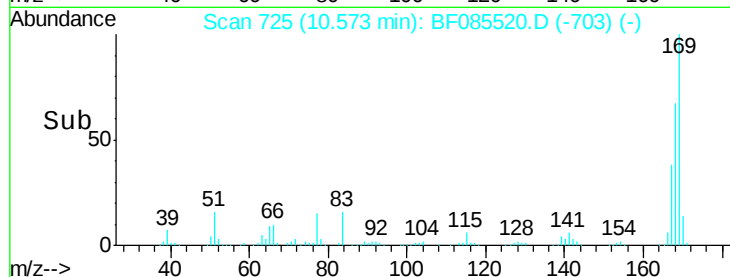
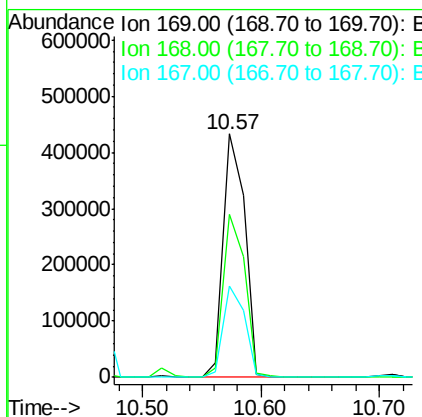
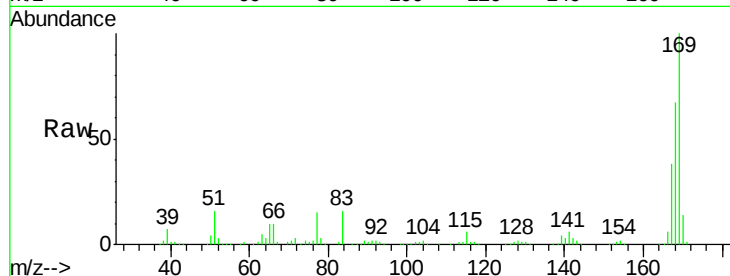
#65
n-Nitrosodiphenylamine
Concen: 41.79 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	542733		
168	67.1	54.8	82.2	
167	37.6	30.3	45.5	

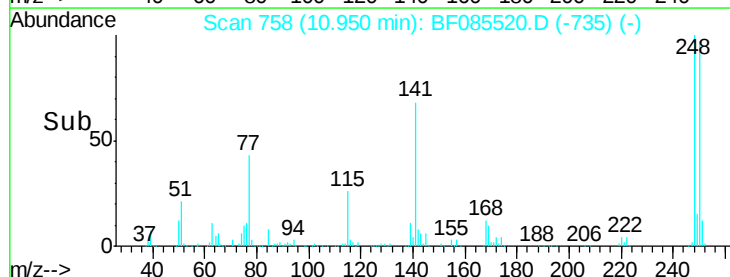
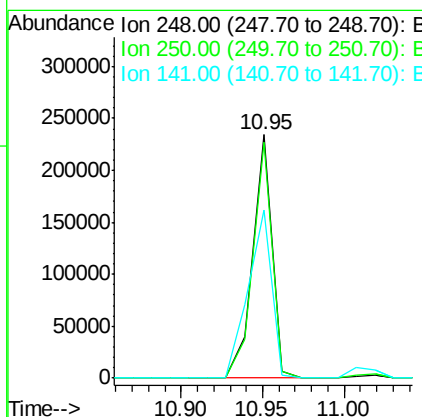
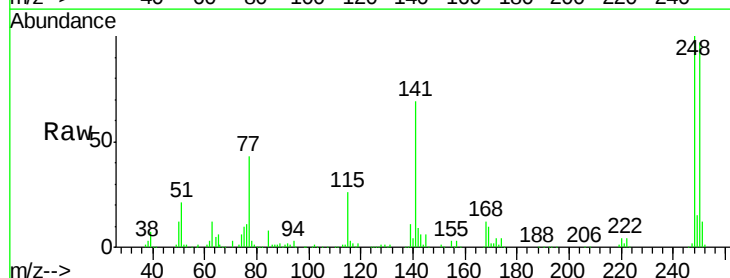
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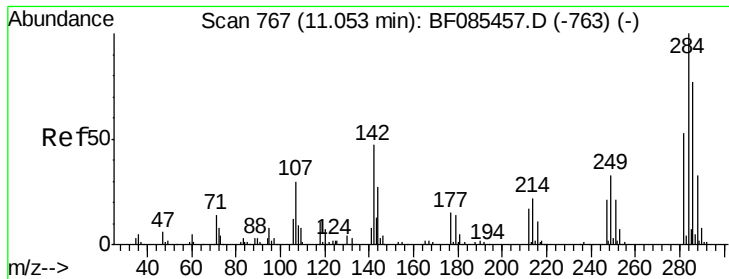
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#66
4-Bromophenyl-phenylether
Concen: 45.33 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	193334		
250	96.9	77.1	115.7	
141	69.0	66.2	99.2	





#67

Hexachlorobenzene

Concen: 45.03 ng

RT: 11.02 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

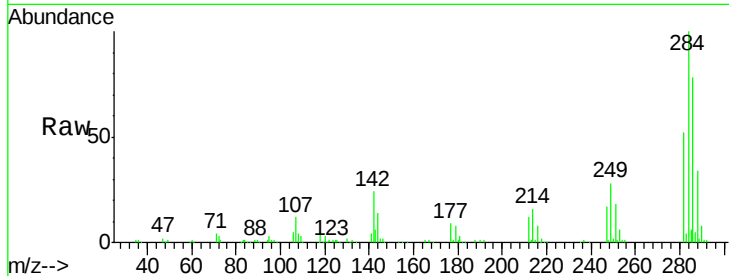
ClientSampleId :

SSTDCCC040

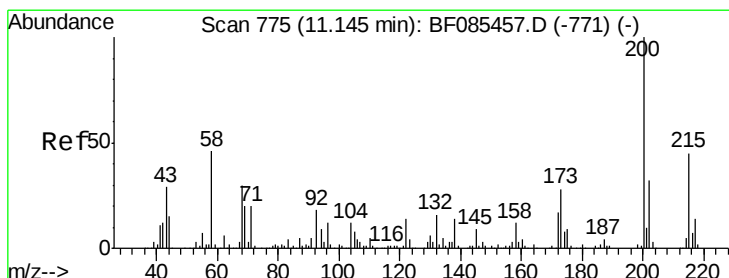
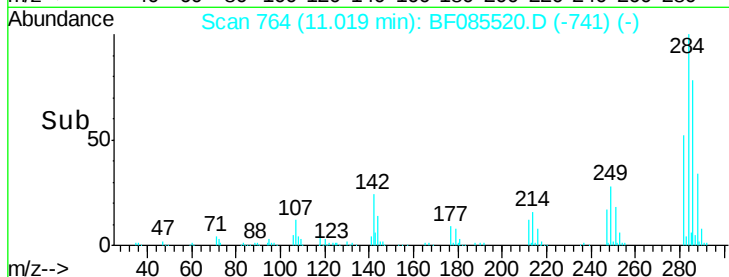
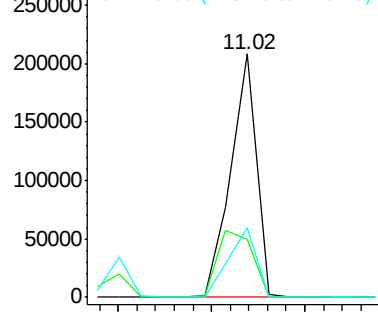
Tgt Ion:	284	Resp:	198180
Ion Ratio		Lower	Upper
284	100		
142	23.7	24.9	37.3#
249	28.3	25.0	37.4

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.28 ng

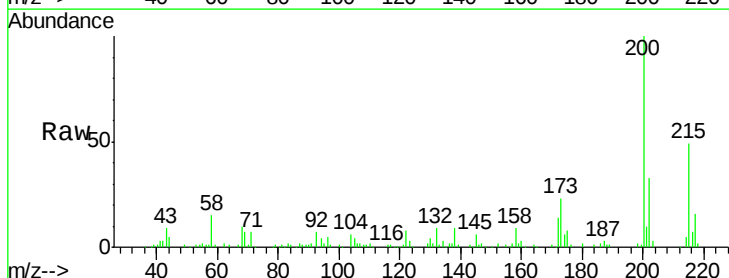
RT: 11.11 min Scan# 772

Delta R.T. -0.03 min

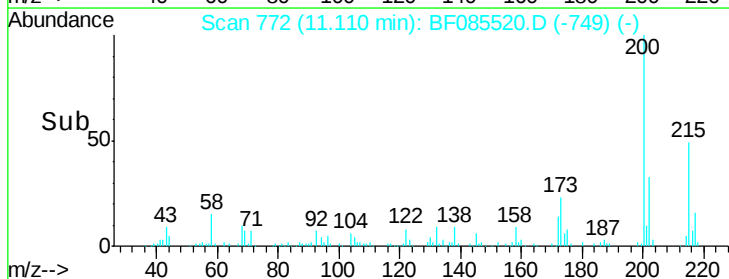
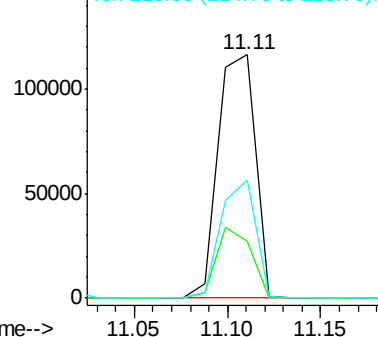
Lab File: BF085520.D

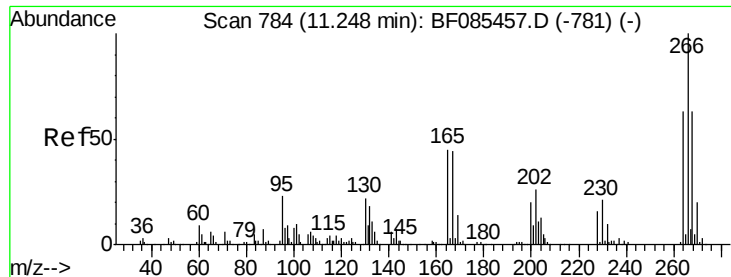
Acq: 18 Mar 2016 5:45

Tgt Ion:	200	Resp:	160823
Ion Ratio		Lower	Upper
200	100		
173	23.4	10.5	50.5
215	48.7	23.4	63.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





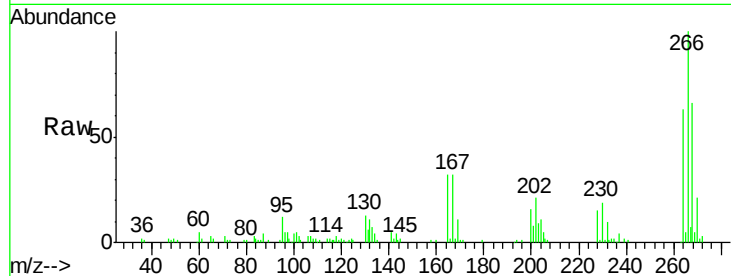
#69
 Pentachlorophenol
 Concen: 40.04 ng
 RT: 11.21 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

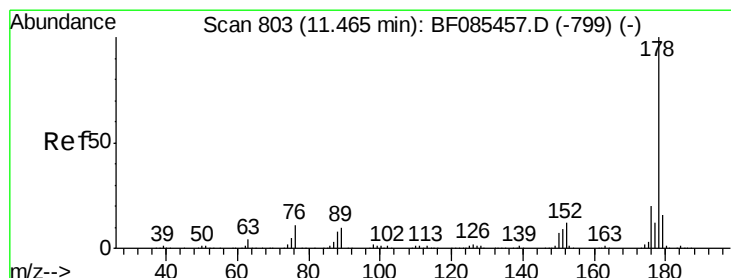
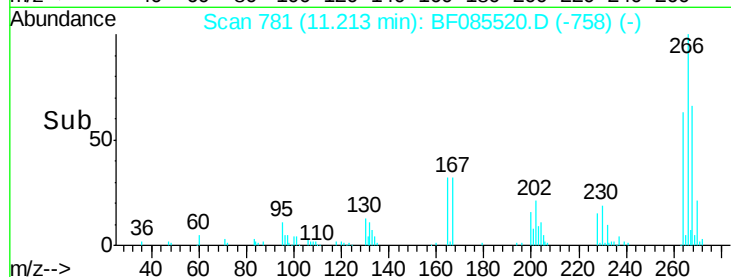
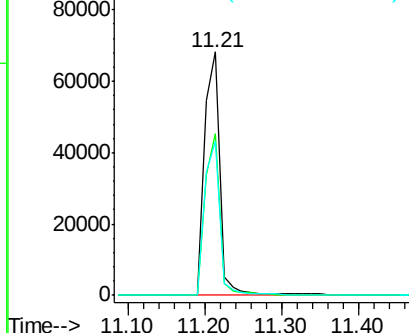
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.0	75.0
264	63.1	51.4	77.2

Manual Integrations
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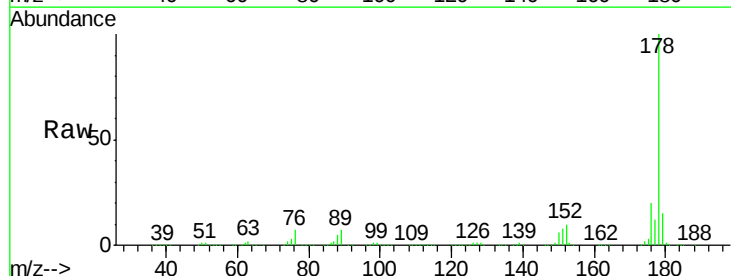


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

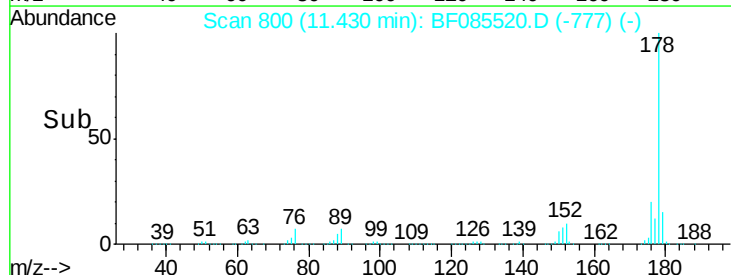
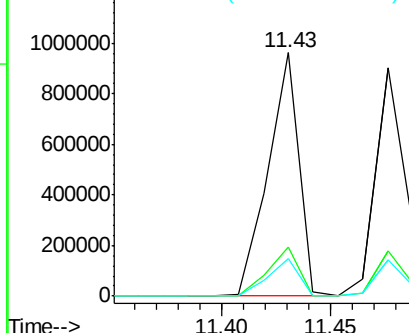


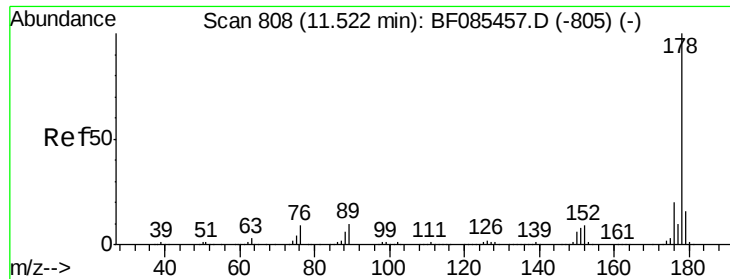
#70
 Phenanthrene
 Concen: 43.60 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	15.3	13.1	19.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





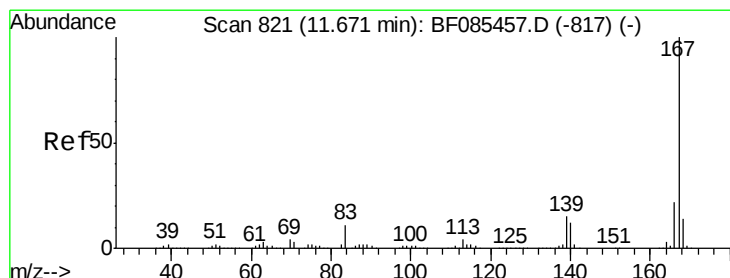
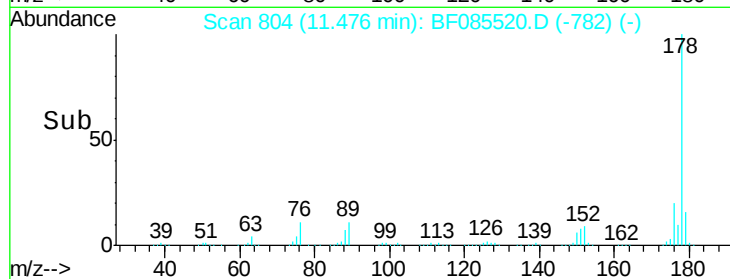
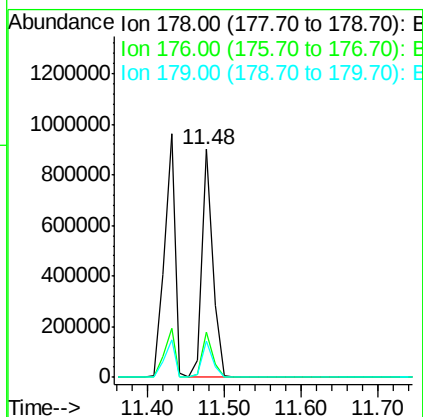
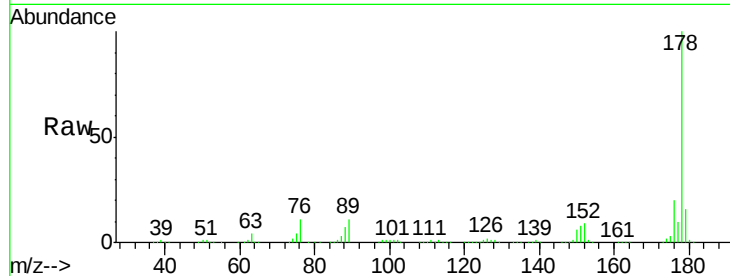
#71
 Anthracene
 Concen: 39.14 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.1	12.5	18.7

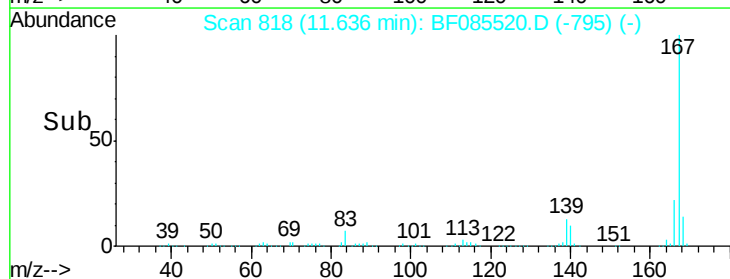
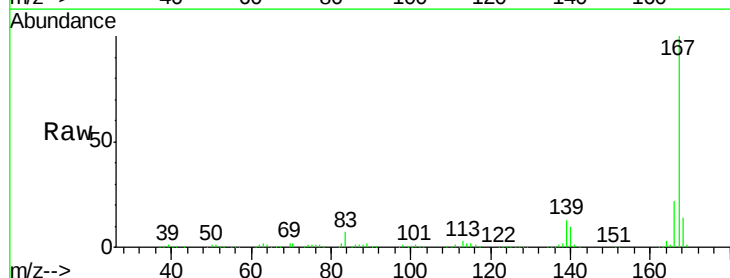
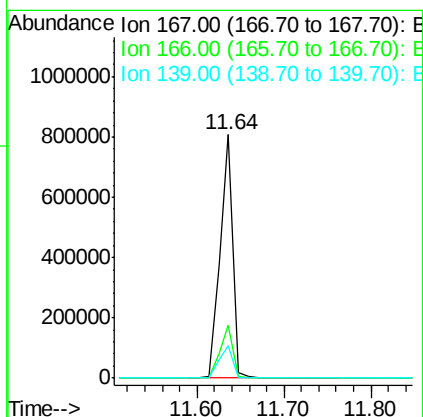
Manual Integrations
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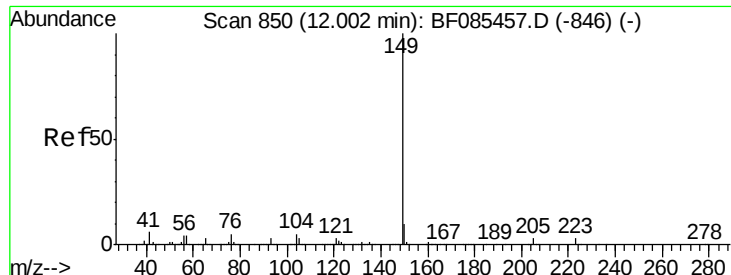
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#72
 Carbazole
 Concen: 44.17 ng
 RT: 11.64 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	13.5	11.4	17.0





#73

Di-n-butylphthalate

Concen: 48.02 ng

RT: 11.97 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF085520.D

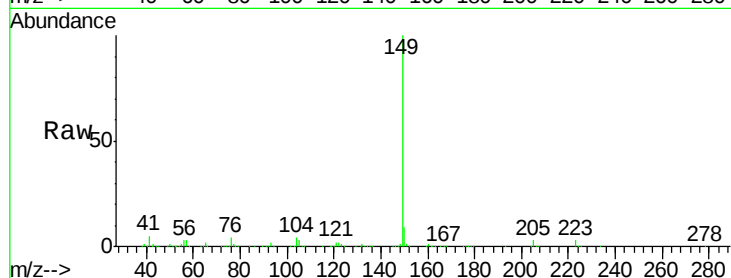
Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1125467

Ion Ratio Lower Upper

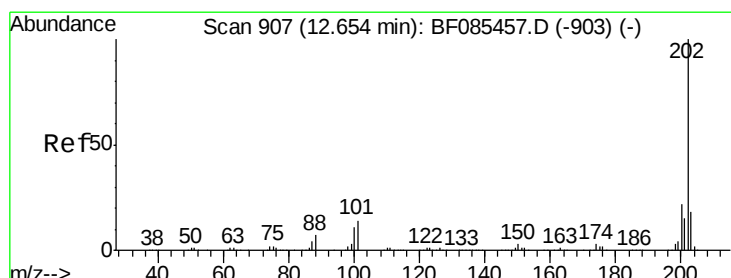
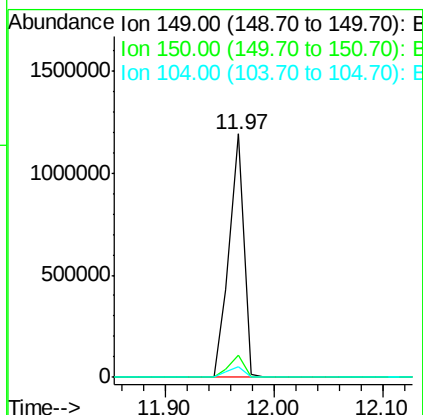
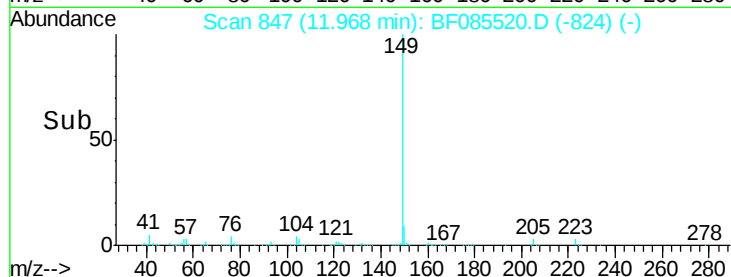
149 100

150 9.3 7.8 11.6

104 4.5 4.7 7.1#

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#74

Fluoranthene

Concen: 38.79 ng

RT: 12.61 min Scan# 903

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

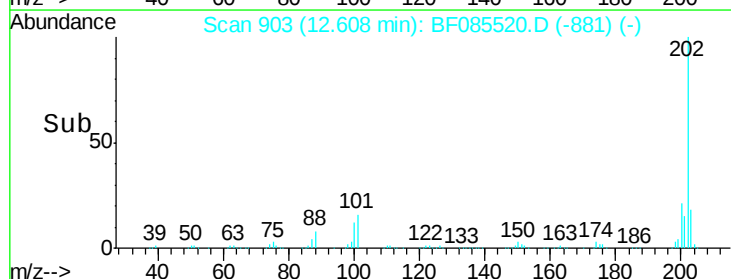
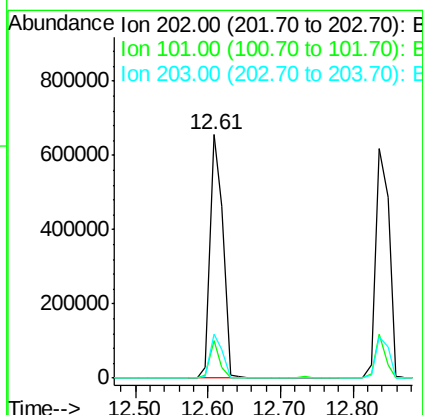
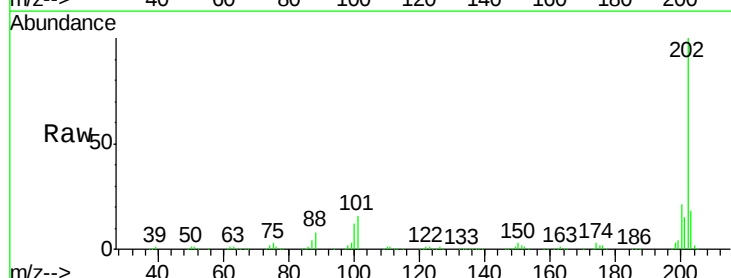
Tgt Ion:202 Resp: 800443

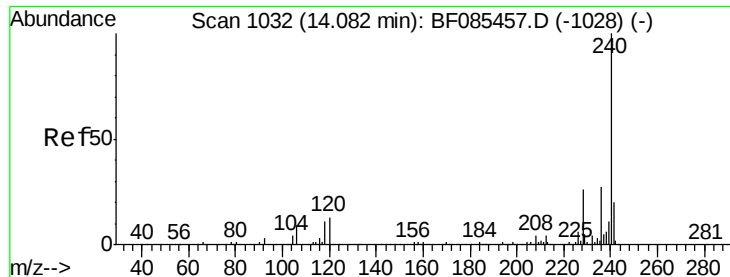
Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.8

203 18.0 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

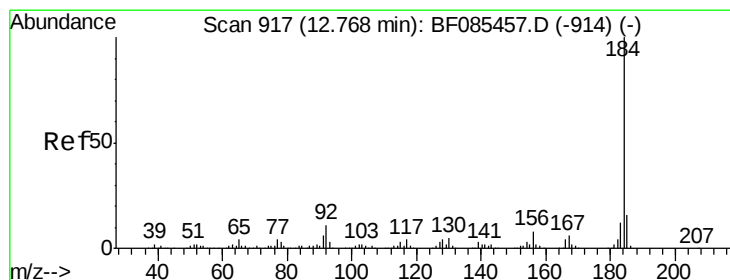
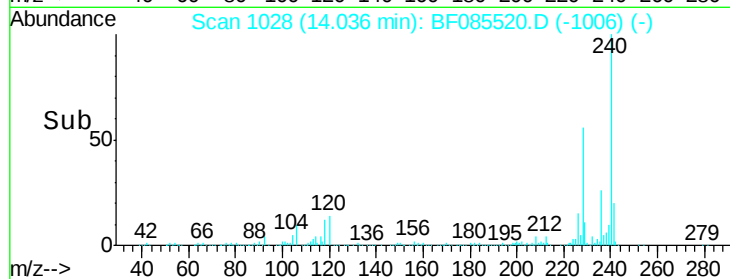
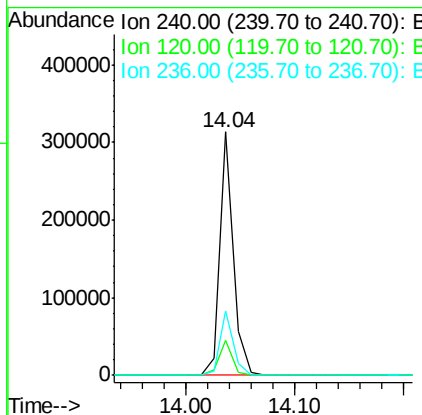
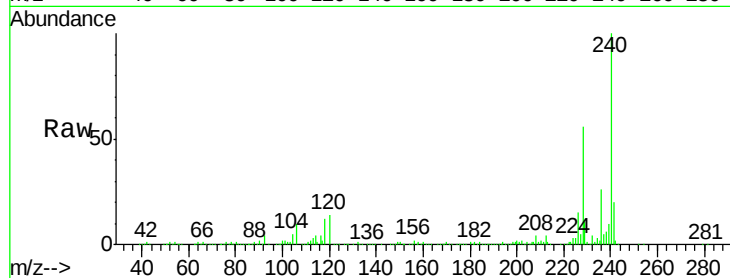
ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 272973
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.3 7.9#
 236 26.5 20.7 31.1

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#76

Benzidine

Concen: 40.02 ng

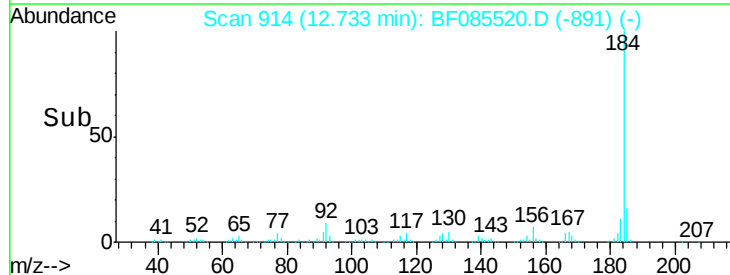
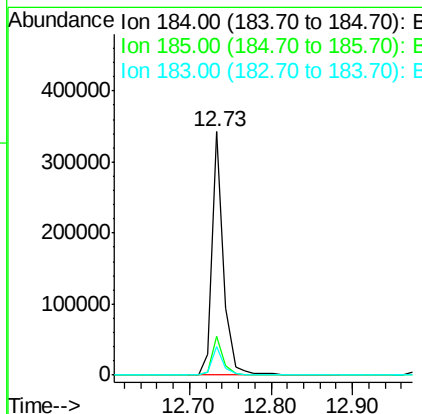
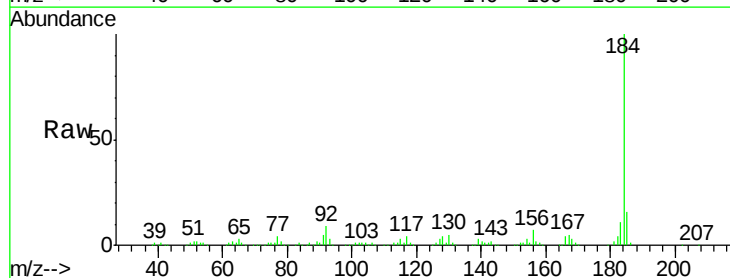
RT: 12.73 min Scan# 914

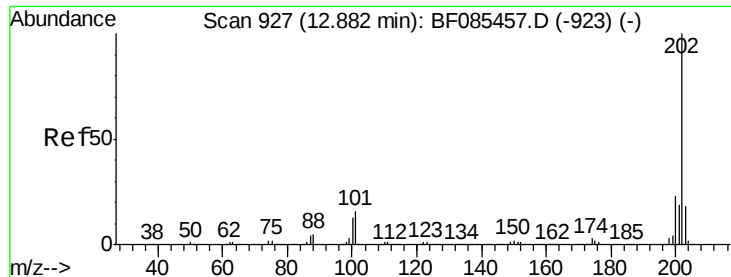
Delta R.T. -0.03 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:184 Resp: 339348
 Ion Ratio Lower Upper
 184 100
 185 15.8 12.4 18.6
 183 11.5 9.4 14.2





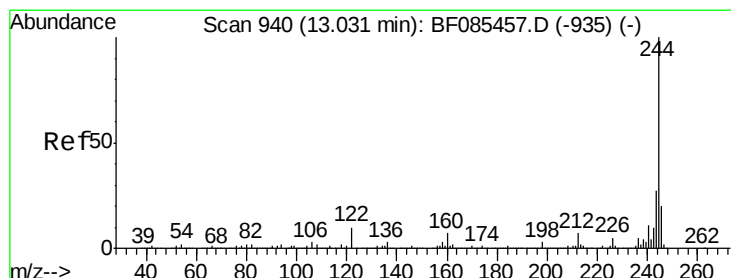
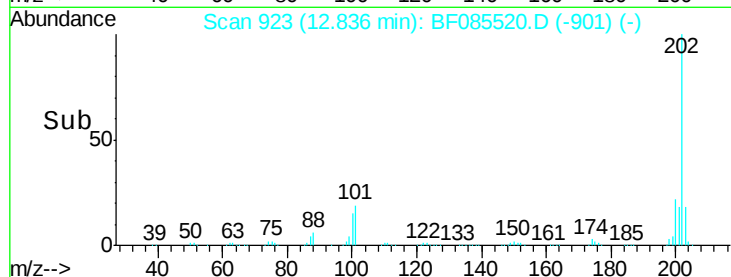
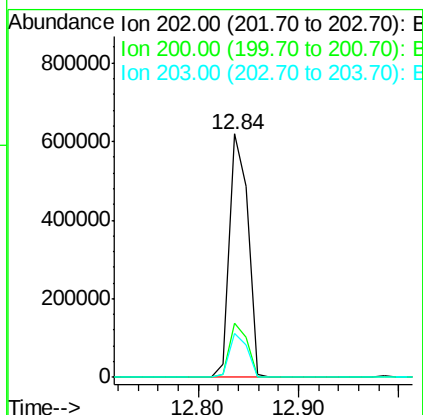
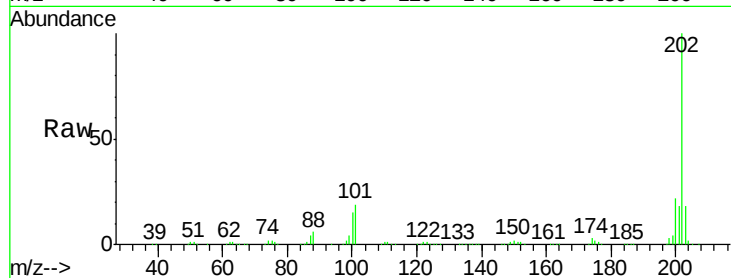
#77
 Pyrene
 Concen: 38.72 ng
 RT: 12.84 min Scan# 923
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.2	18.2	27.4
203	18.1	14.7	22.1

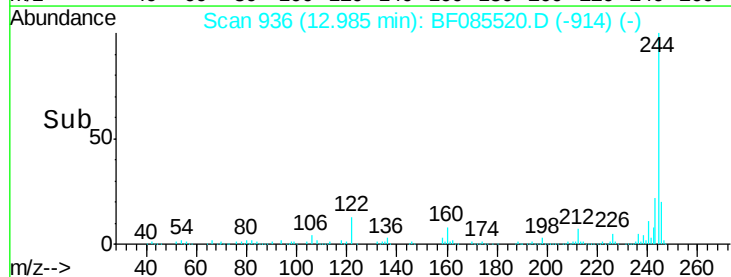
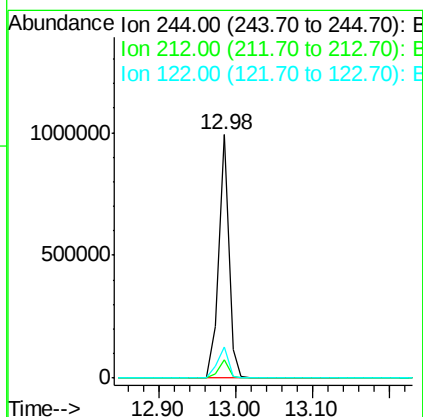
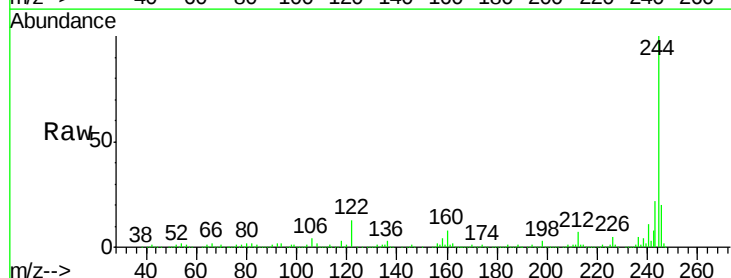
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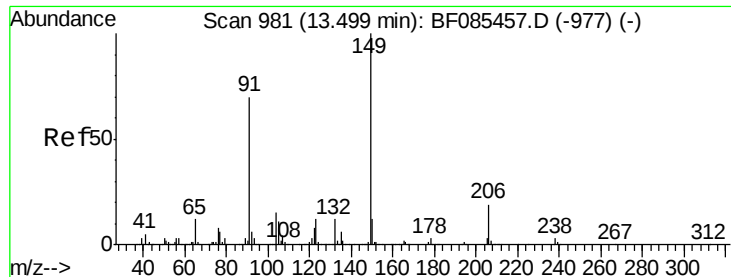
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#78
 Terphenyl-d14
 Concen: 75.82 ng
 RT: 12.98 min Scan# 936
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	6.4	9.6
122	12.8	11.4	17.2





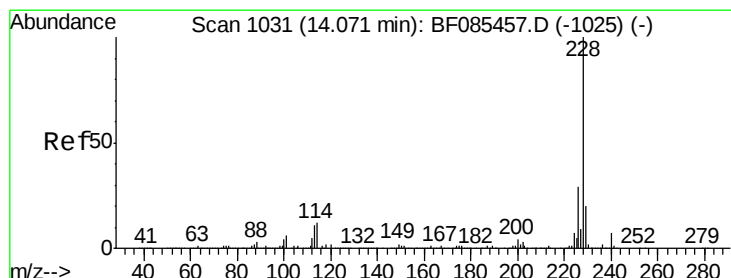
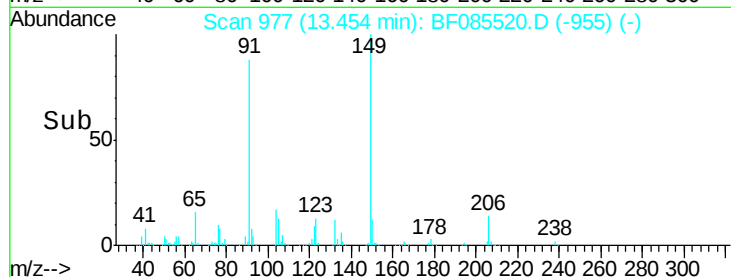
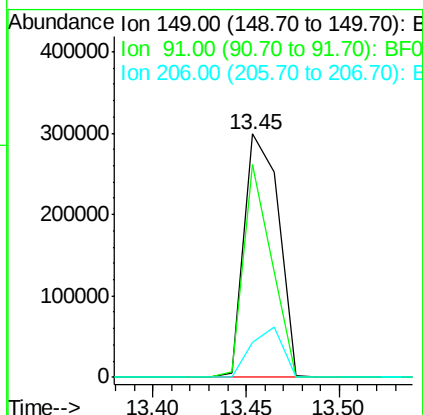
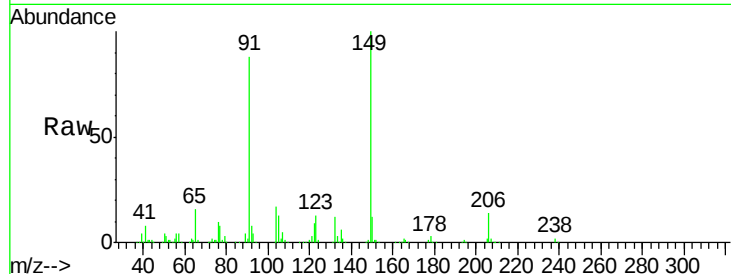
#79
Butylbenzylphthalate
Concen: 42.81 ng
RT: 13.45 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		383275		
91	87.7	69.0	103.4		
206	14.4	12.3	18.5		

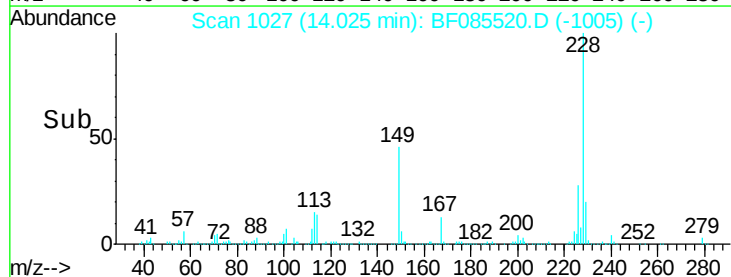
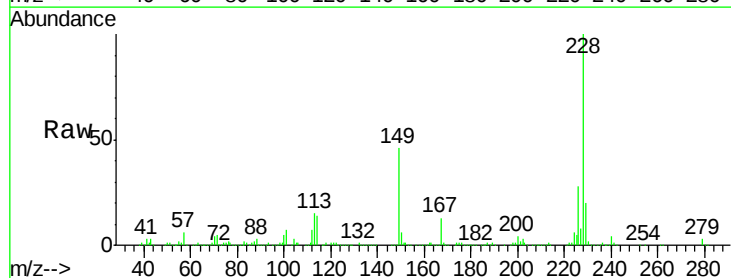
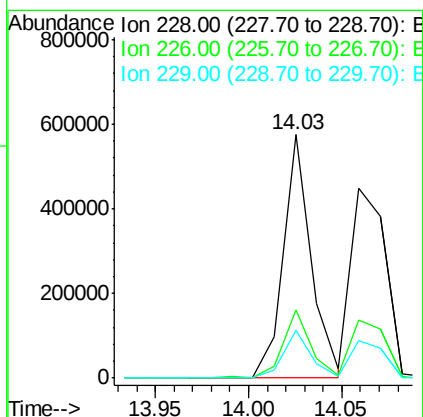
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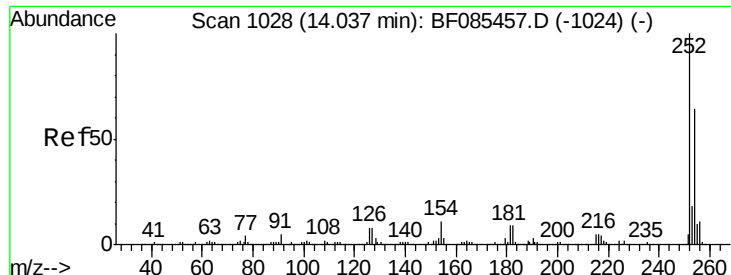
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#80
Benzo(a)anthracene
Concen: 38.25 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		598618		
226	27.9	22.8	34.2		
229	19.9	16.6	24.8		





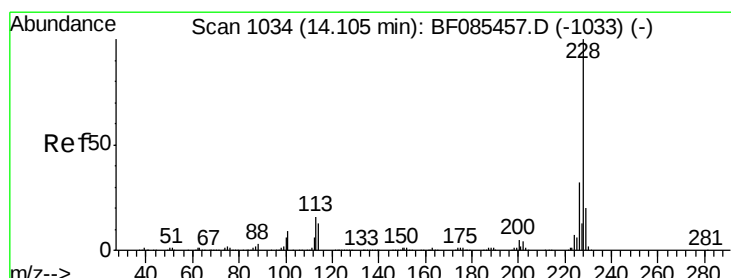
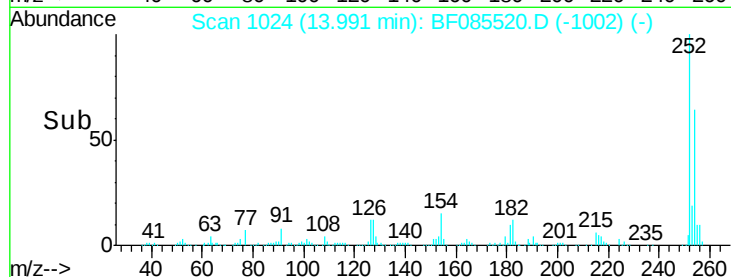
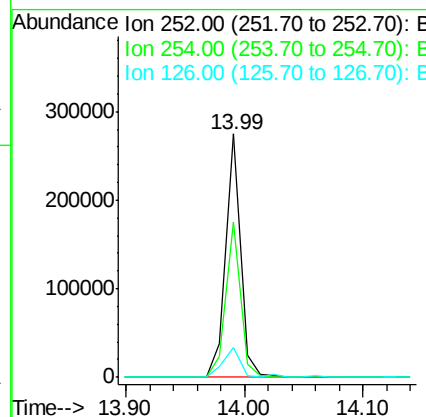
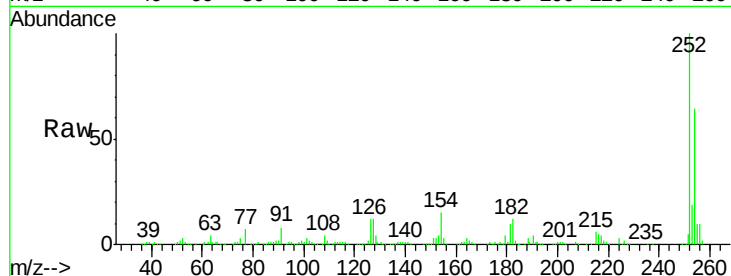
#81
 3,3'-Dichlorobenzidine
 Concen: 44.46 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	51.4	77.0
126	12.3	12.9	19.3#

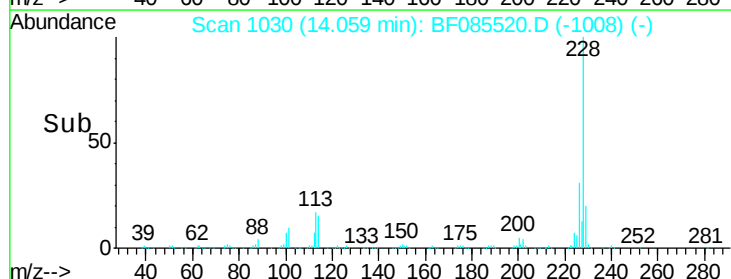
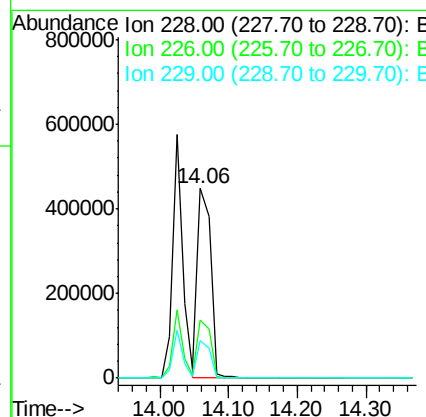
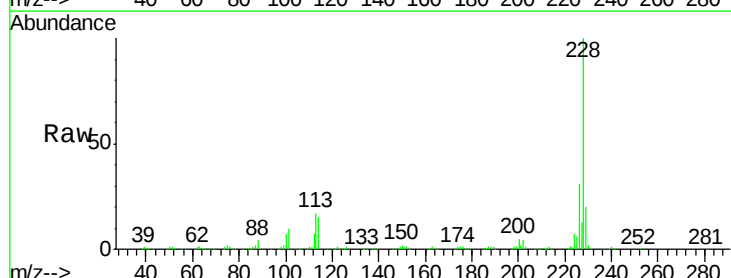
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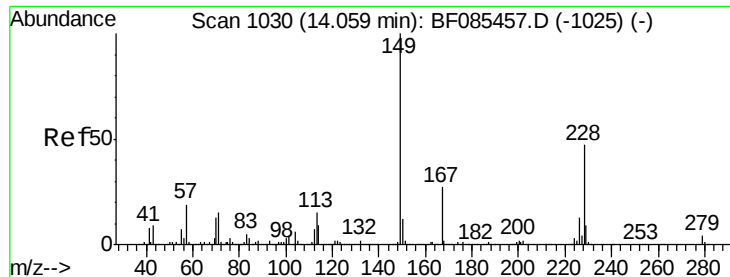
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#82
 Chrysene
 Concen: 41.91 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.2	37.8
229	19.7	16.0	24.0





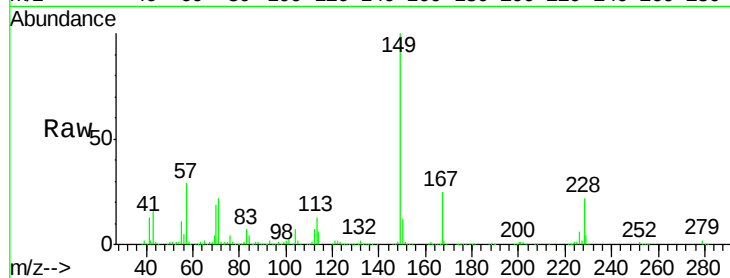
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.69 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

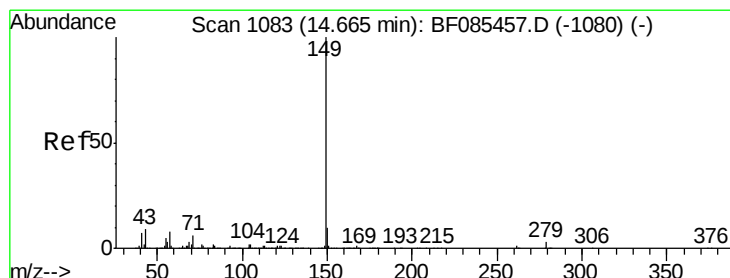
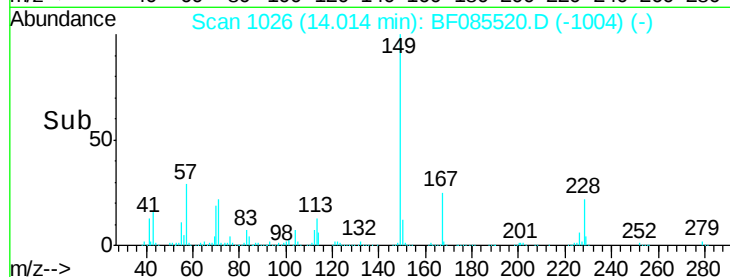
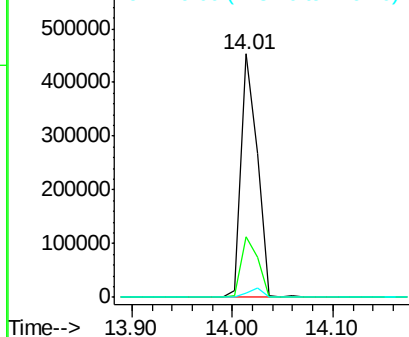
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	509858		
167	24.7	20.3	30.5	
279	1.9	1.9	2.9#	

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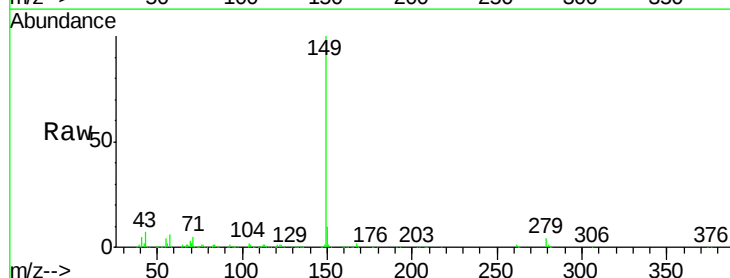


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

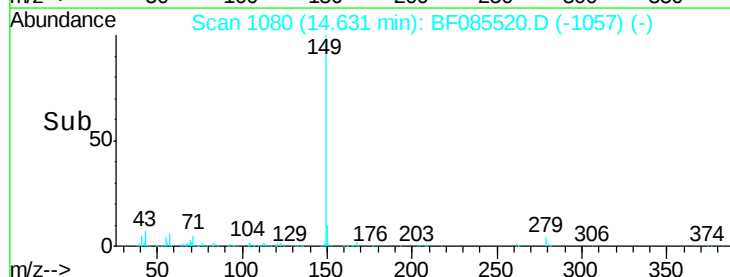
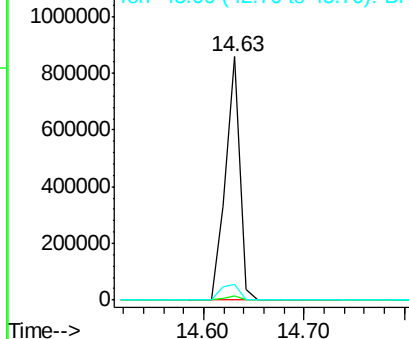


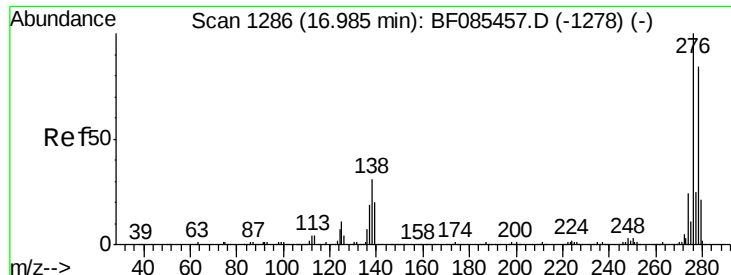
#84
 Di-n-octyl phthalate
 Concen: 53.22 ng
 RT: 14.63 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	848452		
167	1.5	1.1	1.7	
43	8.7	7.8	11.8	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





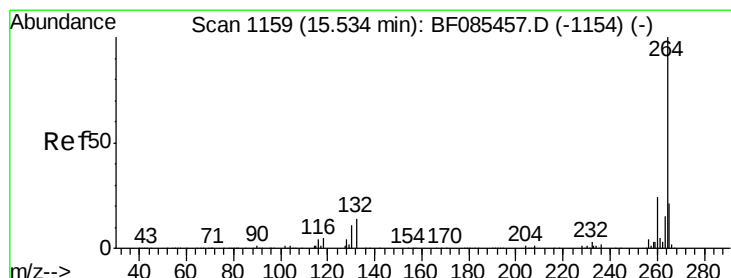
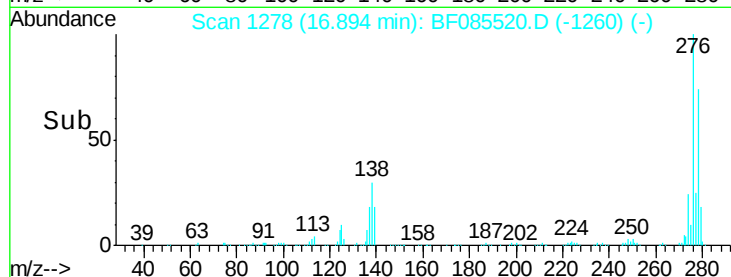
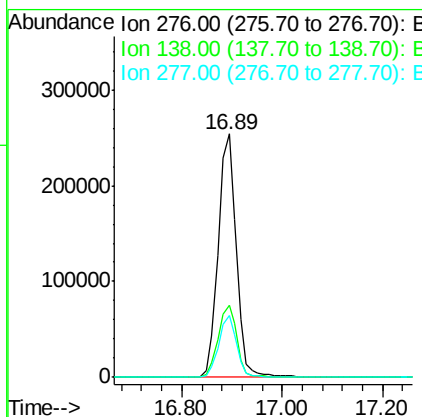
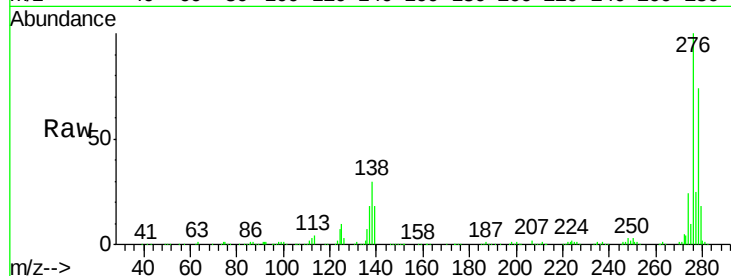
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.88 ng
 RT: 16.89 min Scan# 1278
 Delta R.T. -0.09 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	638931		
138	30.7	26.4	39.6	
277	25.2	20.2	30.2	

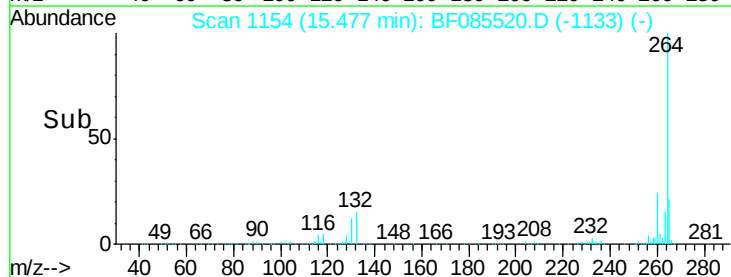
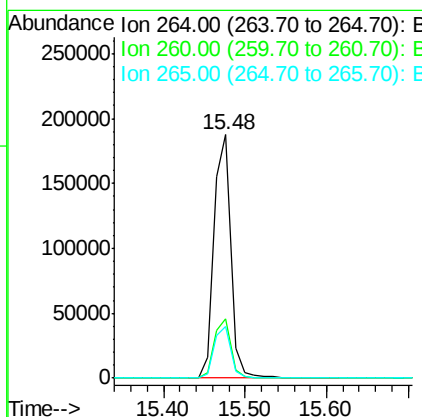
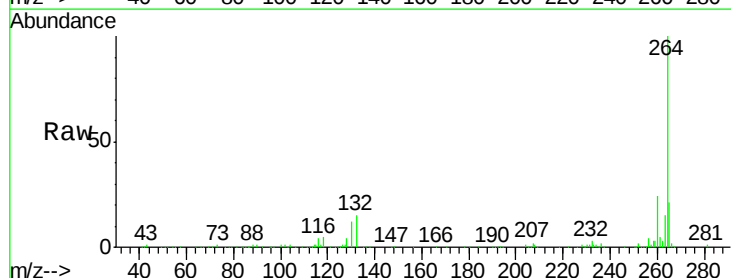
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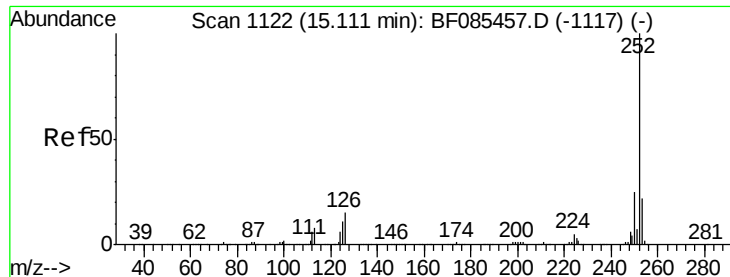
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF085520.D
 Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	268799		
260	24.1	19.2	28.8	
265	21.1	17.3	25.9	





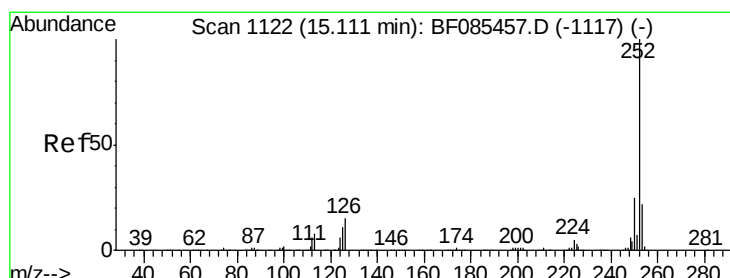
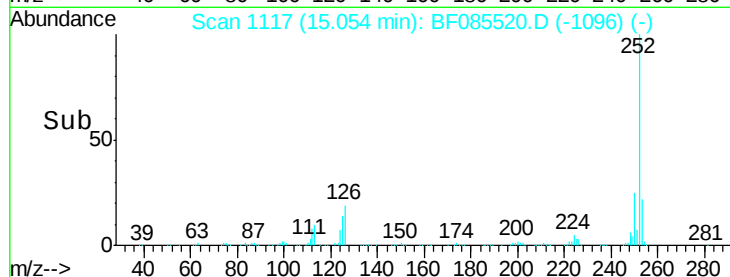
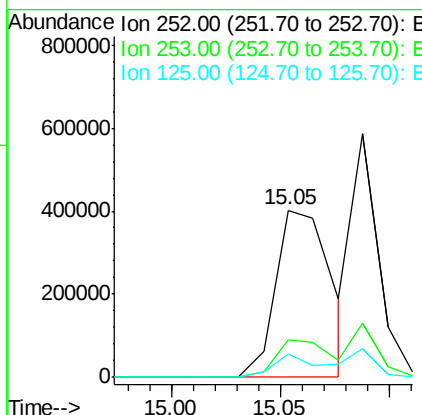
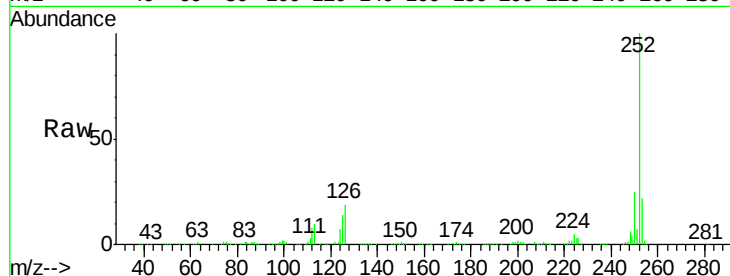
#87
Benzo(b)fluoranthene
Concen: 40.47 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	14.2	11.3	16.9

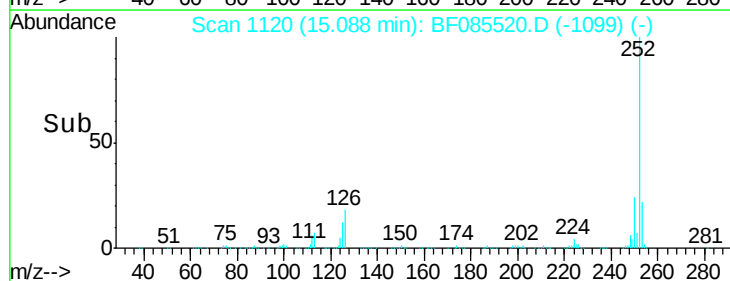
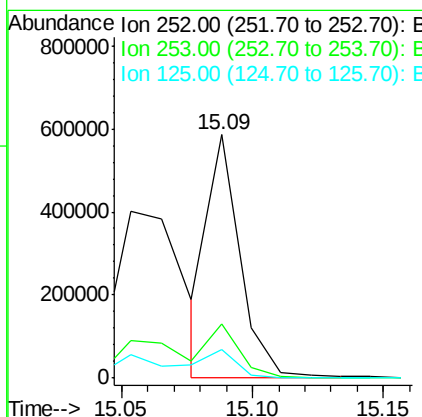
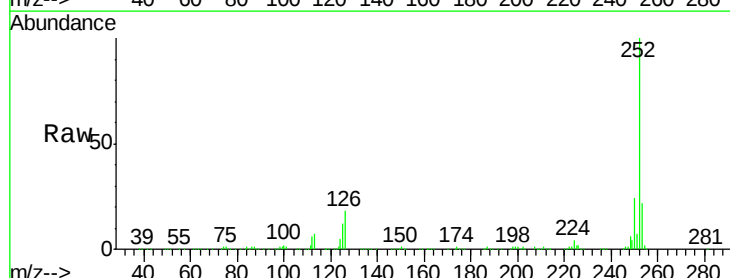
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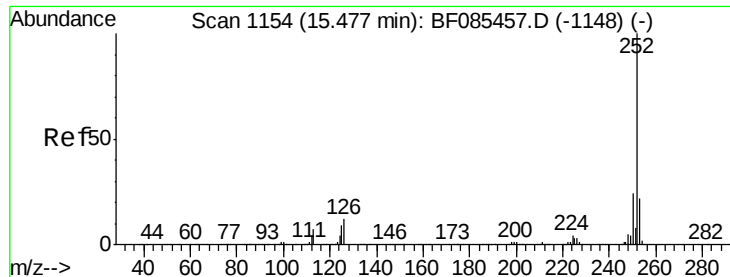
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#88
Benzo(k)fluoranthene
Concen: 36.47 ng m
RT: 15.09 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF085520.D
Acq: 18 Mar 2016 5:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.8	10.4	15.6





#89

Benzo(a)pyrene

Concen: 39.84 ng

RT: 15.41 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

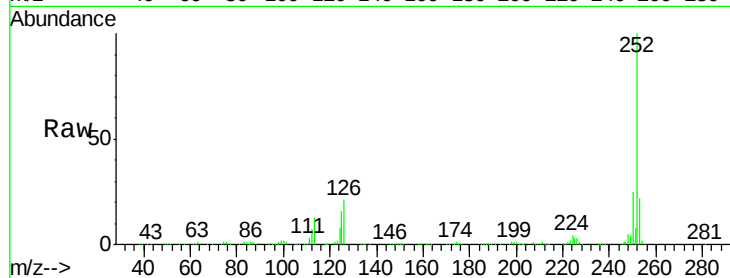
ClientSampleId :

SSTDCCC040

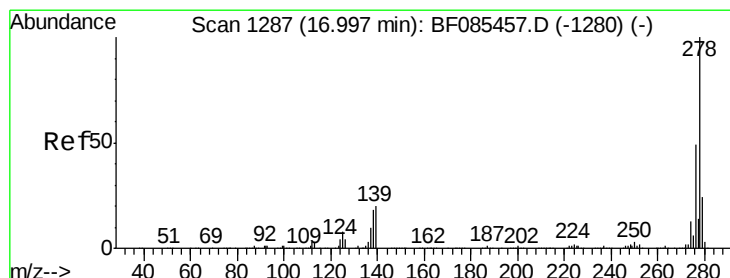
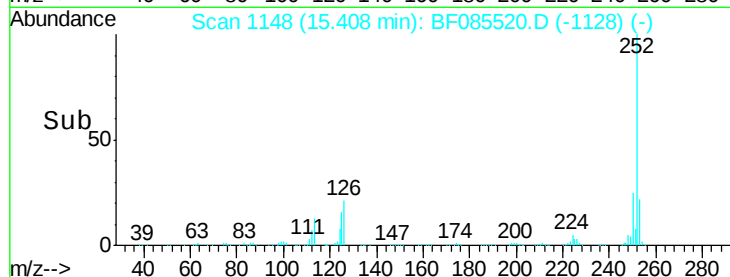
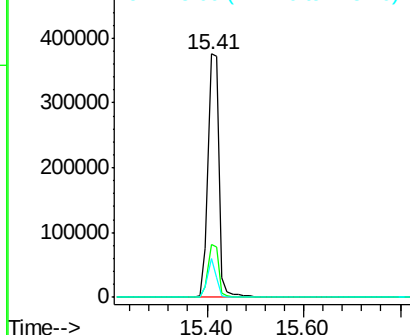
Tgt Ion:	252	Resp:	604194
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	15.7	8.2	12.4#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.14 ng

RT: 16.91 min Scan# 1279

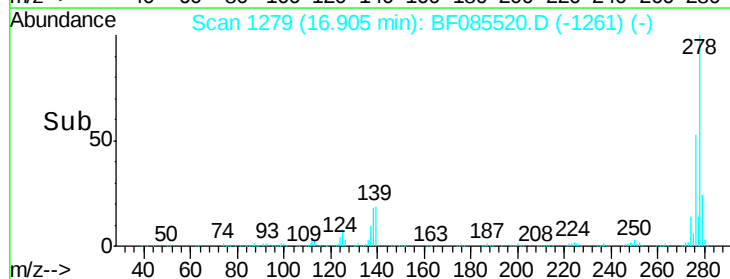
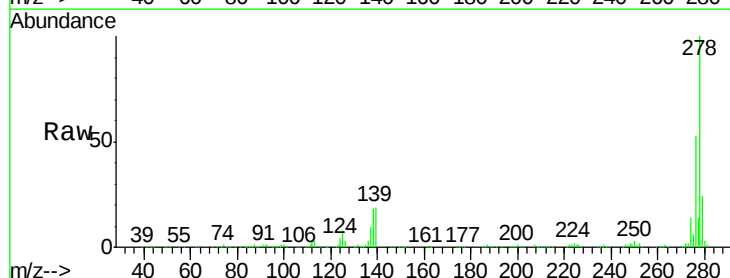
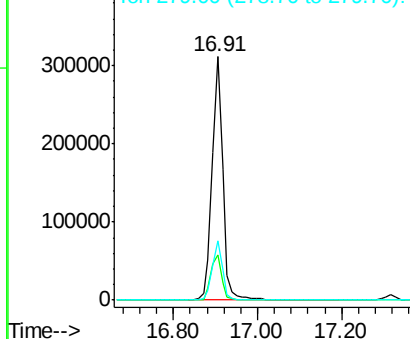
Delta R.T. -0.09 min

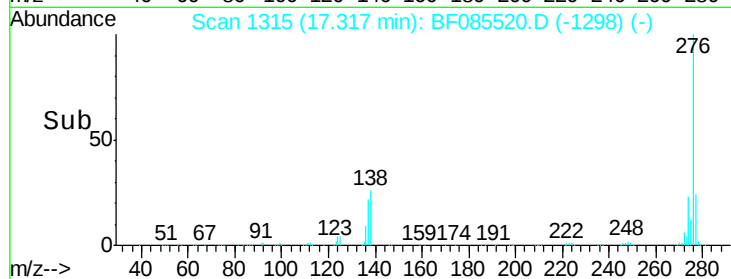
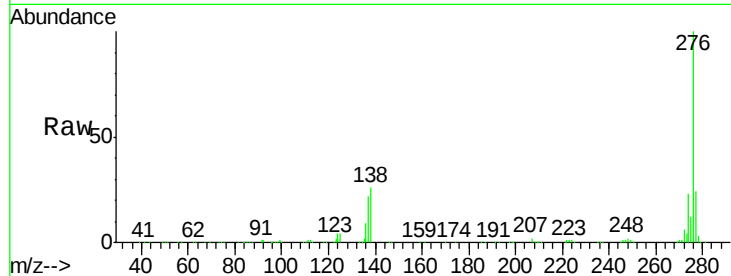
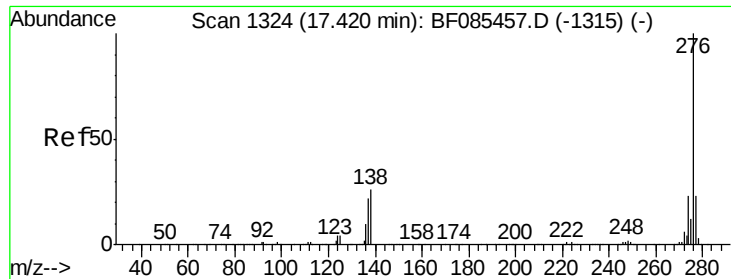
Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Tgt Ion:	278	Resp:	550266
Ion Ratio	Lower	Upper	
278	100		
139	18.6	17.3	25.9
279	24.2	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.68 ng

RT: 17.32 min Scan# 1315

Delta R.T. -0.10 min

Lab File: BF085520.D

Acq: 18 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	276	Resp:	509633
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	25.9	22.5	33.7

Manual Integrations
APPROVED

UMANGI
3/18/2016 3:43:48 PM

